TRI-ED

Connectivity • Security • Solutions

2013 2014 IP PRODUCT CATALOGUE

Canada

NORTH AMERICA'S LARGEST INDEPENDENT SECURITY DISTRIBUTOR

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TRI-ED

Connectivity • Security • Solutions

The continuing evolution of network based security products offers dealers tremendous solutions for their customers. However, with rapid changes in technology it is essential to stay well informed. TRI-ED is constantly seeking new ways to educate, inform, and help our dealers keep pace with technology. We seek out industry leading products and solutions and offer a growing list of value-added services and support:

- **Technology Support Center** – design services, bid spec take offs, trouble shooting, lead generation
- **Network and IP Video Training Classes** - conducted all year long with CEU/BICSI Certifications
- **Technology Road Shows** - conducted throughout the year
- **Operational Lab** - to help make the transition and interoperability of IP based systems seamless and transparent to the end user
- **IP-EZ Programming Service** – to facilitate easier installations and eliminate costly programming issues
- **Factory Certified/Trained personnel** on all major software and IP camera lines
- **Microsoft and Cisco Certified personnel** to assist in design and sales
- **Vendor Relations Group** – facilitates special pricing, product registration, technical expertise on individual IP product lines
- **Online ordering** and links to product specification sheets
- **Great Expectations Loyalty Program** – the industry's richest rewards program

Our continuing goal is to ensure that we bring you the highest level of customer service with the most complete line of product offerings. We continue to maintain our commitment to our dealers and promise to "Exceed Expectations, One Customer at a Time."

Sincerely,

Pat Comunale

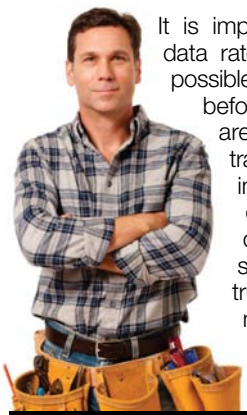
Pat Comunale
President and Chief Executive Officer

IP Video Tips:

Tip No. 1 Going Wireless

Ethernet based wireless systems can be an ideal solution for bridging or extending the reach of a wired IP Video network. The Institute of Electrical and Electronics Engineers (IEEE) released the 802.11 wireless LAN standard in 1997. This standard, which has been amended over time, outlines the frequencies and data rates used.

- 802.11 operated in the 2.4 GHz ISM band at data rates of 1 and 2 Mbps.
- 802.11b/g operate in the 2.4GHz ISM band at data rates of 11 and 54 Mbps respectively.
- 802.11a operates in the 5 GHz UNII band at data rates up to 54 Mbps.
- 802.11n operates in the 2.4 GHz and/or 5.8 GHz bands at data rates up to 300Mbps.



It is important to remember that data rates indicate the maximum possible transmission speed before any outside factors are calculated. For wireless transmission these factors include interference from other wireless products, distance and physical obstructions. Throughput is the true amount of data transmitted and is generally expected to be about half of the specified data rate.

Tip No. 2 Digital vs. Mechanical PTZ

A key advantage of IP video is the ability to cover large areas without the need for a mechanical PTZ. Mechanical PTZ cameras will always have a place in the surveillance world but do come with some drawbacks. Some of those are the need for an operator to control the camera for maximum effectiveness, failure rates on moving parts, and not recording a scene when the camera is directed at an alternate location. An IP camera with a hemispheric lens or multiple megapixel sensors can eliminate these concerns. When surveying a potential video job, consider the use of digital PTZ cameras to provide the end user with a solution that will be more cost effective and provide more coverage without the need for an operator to control the camera.

Tip No. 3 Purpose-Built Recording Solutions

Selecting a recording solution for an IP based video system can be overwhelming. While the amount of storage is critical, it is not the only factor that must be considered. Simply purchasing a traditional server can sometimes create issues in recording, latency, and overall system performance. Most standard servers are designed for office computing and communications which is reading from a hard drive 90% of the time. A purpose built video server is designed to write to a series of drives over 90% of the time. The speed for reading data from a hard drive versus the speed of writing data to a hard drive are significantly different. For this and other reasons, a server to be used on an IP based video system should be specifically designed and configured for that use. If you have any questions regarding the best server option for your application, please do not hesitate to contact your TRI-ED sales professional.

Tip No. 4 Copper / Fiber Transmission Basics

Network cable utilizes four twisted pairs of solid copper wire for structured cabling and stranded wire for patch cables where frequent cable flexing occurs. Fiber optic cable is typically used for network backbones requiring high bandwidth and links that exceed the distance limitations of twisted pair cabling. Proper termination is essential for ANY cable to achieve its potential.

- Category 5 Enhanced (Cat 5e) uses 24 gauge wire and is suitable for transmission rates up to 1 Gbps (1000 Mbps) with a link length up to 100 meters (328').
- Category 6 (Cat 6) uses 23 gauge wire with more twists per inch than Cat 5e. It is suitable for transmission rates of 1 Gbps up to 100 meters and 10 Gigabit up to 55 meters (180').
- Augmented Category 6 (Cat 6a) uses 23 gauge wire with an internal filler that sepa rates the pairs. It is suitable for 10 Gigabit transmission rates up to 100 meters.
- Multimode fiber is typically used as premise cable. It can support data rates of 1 Gbps at distances up to 2km. Support for 10GbE can be achieved up to 300 meters (984').
- Single mode fiber is required for longer links. Distances of 10-30km and beyond can be achieved at Gigabit rates.

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Tip No. 5 Proper Illumination

Illumination of a scene is a critical concern when specifying any IP camera. Lower resolution cameras have large pixels and therefore capture more light. This means that they will require less light to generate a usable image. Higher resolution cameras have smaller pixels that will require increasing amounts of light to provide high quality video. White light illumination provides for color images in poor lighting conditions but is visible to the human eye and will not be appropriate for more covert installations. IR illumination, depending on wavelength, is almost or completely invisible. The 850nm wavelength has a slight red glow, but has a greater range. The 940nm wavelength is almost invisible, but only reaches about half the distance of a 850nm IR illuminator. There are several factors to consider when determining the necessary illumination for a camera installation, please contact your TRI-ED sales professional for more information about proper lighting.

Parallel networks are a “best practice” when implementing an IP based video system. Do not hesitate to contact TRI-ED to help determine the proper equipment needed to deploy a parallel network and insure the success of your IP video system.

Tip No. 6 Compatibility - ONVIF and PSIA

With so many IP cameras, hybrid units, NVR’s and software packages, the IP video world can sometimes appear to be overwhelming. What camera will work with what NVR or software? How do I choose a best in class camera to work on the recording solution that I need? Two standards have been released to help dealers choose products that work together regardless of manufacturer. ONVIF (Open Network Video Integration Forum) and PSIA (Physical Security Interoperability Alliance) are two standards that assure that different IP video security devices will communicate and work together. If you select an ONVIF certified camera and an ONVIF recording solution, the two individual products, regardless of manufacturer, will display and record video to give you and your customer the security solution they require. Contact your local TRI-ED representative to learn more about the manufacturers and products that are adopting these standards.

Tip No. 7 Future-Proofing Your Investment

What’s next? Network based video products seem to be changing at an exponential rate. Just a few years ago a 1.3 MP camera was at the top of the IP camera pyramid. Now, IP cameras are being released that operate in the 10MP or even 20MP range with no end in sight. Storage that once was measured in Gigabytes has moved well into Terabytes and is transitioning to Petabytes. Simple video motion detection has morphed into loitering detection, direction of travel, people counting, and license plate recognition. The motto of all of this is to future proof your installations as much as possible today. Use switches capable of more bandwidth, run fiber instead of copper, use video appliances that support multiple types of storage (iSCSI, SAS, NAS, etc.), and a VMS software partner that is both reliable and forward thinking. Every upgrade to the infrastructure and backbone of your system you make pre-sale, will make future add-ons and additional sales that much easier down the road. If you have any questions about how to help future proof an IP based video system, please do not hesitate to contact us at TRI-ED.

Tip No. 8 Mobile Video Management

Mobile broadband has become a more effective and useful tool in the surveillance industry. Mobile data consumption is expected to double every year for the next five years at least. As more and more consumers demand mobile access to their IP video systems, make sure that your system supports this technology. Many hardware/software companies offer applications (apps) for all types of smart phones. Apps work better for accessing your IP system because many mobile web browsers do not support the functionality needed when controlling/viewing an IP video system. Also, the speed of your mobile provider will make a difference in the quality of the mobile experience. True 4G systems provide the best performance with 4G LTE (Long Term Evolution) based systems providing close to 4G speeds. If you have any questions on whether your manufacturer of choice supports mobile connectivity, please do not hesitate to contact your local TRI-ED sales representative.

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BACK COVER Canadian Branch Locations
INSIDE BACK COVER Line Card

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move over to 3G with DSC.

2G to 3G SWAP PROGRAM

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3G Technology from DSC

Cellular carriers will phase out 2G in the near future. New 3G products from DSC increase the longevity and lifecycle of the products you rely on to grow your business.

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INTERCOMS

IS Series IP Video Intercom

AIPHONE®

AIP-ISSIPMDV - IP Direct box set includes ISIPMV, ISIPDV
AIP-ISSIPMDF - IP Direct box set includes ISIPMV, ISIPDVF
AIP-ISSIPSWDV - IP Direct box set includes ISSOFT, ISIPDV
AIP-ISSIPSWDF - IP Direct box set includes ISSOFT, ISIPDVF
AIP-ISIPDV - IP addressable door station, aluminum die cast, surface mount. Connects directly to LAN/WAN
AIP-ISIPDVF - IP addressable door station, stainless steel, flush mount. Connects directly to LAN/WAN
AIP-ISIPMV - IP addressable master station. Connects directly to LAN/WAN
AIP-ISSOFT - PC master station software

- Box sets include either an IP direct master station or PC master station
- Easy to expand by adding box sets or connect to IS Series hardwired system
- Door stations and IP master station use PoE or can be powered using PS-2420UL (sold separately)

INTERCOMS

IS Series Video Intercom - Hardwired Components

AIPHONE®

AIP-ISDV - Door station, aluminum die cast, surface mount
AIP-ISDVF - Door station, stainless steel, flush mount
AIP-ISMV - Video master station with PTZ control
AIP-ISCCU - Central control unit, connects 4 doors,4 masters
AIP-ISSCU - Adds 8 doors,8 masters to ISCCU. Max 2 per ISCCU
AIP-ISRCU - Adds 30 sub stations to ISCCU. Max 4 per ISCCU
AIP-ISIPC - Connects ISCCU to network, telephone line out
AIP-ISPUUL - Power supply, 48V DC, 2A
AIP-ISRS - Handset sub/room station
AIP-ISSS - Hands-free room/door station

- Unlock doors remotely from anywhere on the network, communicate easily between stations
- Program daily bulletins and bell schedules on or off site making the IS Series ideal for school and school districts
- Broadcast emergency announcements, forward failed calls, and transfer video calls
- Perfect for schools, office buildings, factories, hospitals, and utilities

ACCESS

INTERCOMS

IP Audio Intercom Adaptor

AIPHONE®

AIP-IPW1A - includes adaptor, power supply, and software
AIP-IFDA - Door station, plastic, surface mount
AIP-IESS - Door station, stainless steel, flush mount

- Adaptor allows any IE Series door station to remotely communicate with PCs
- Conveniently unlock door from PC
- FREE software included! Install on an unlimited amount of PCs
- Easily add IP communication to network CCTV systems

INTERCOMS

IP Video Intercom with PTZ - Box Sets

AIPHONE®

AIP-JKSIPED - **Box set includes: JK-DA plastic, surface mount door station, master station, p/s, adaptor & software**
AIP-JKSIPEV - **Box set includes: JK-DVF zinc die cast, surface mount door station, master station, p/s, adaptor & software**
AIP-JKSIPEF - **Box set includes: JK-DVF stainless steel, flush mount door station, master station, p/s, adaptor & software** mount

- Identify and communicate with visitors over the internet!
- Receive photo emails when a visitor is at the door
- Conveniently unlock the door from a PC
- View door station on up to 10 PCs as well as on the inside master station
- Record visitor images

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IP - CAMERAS

Indoor Wireless Fixed IP Camera with Night Vision

ALA-V520IR

- IR camera designed to see at a distance of over 20 feet in the dark
- Mechanical IR cut filter delivers true daytime colours, even at night
- Hi-Def 720P live viewing and recorded resolution up to 1280x800
- Designed specifically to work with the Alarm.com hosted video service
- Video viewable remotely through web-enabled computers, phones and tablets

IP - CAMERAS

Indoor Wireless Fixed IP Camera

ALA-V520

- Designed specifically to work with the Alarm.com hosted video service
- Quality surveillance solution without the complexity of traditional CCTV
- Hi-Def 720P live viewing and recorded resolution up to 1280x800
- Video viewable remotely through web-enabled computers, phones and tablets
- 12V power supply and mounting stand included

IP - CAMERAS

Pan/Tilt Wireless IP Camera

ALA-V620PT

- Ability to view an entire room with 350˚ pan and 125˚ tilt
- Camera can be remotely panned/tilted through the Alarm.com mobile app
- Hi-Def 720P live viewing and recorded resolution up to 1280x800
- All wireless cameras have EZ Install with WPS button and compatibility
- Designed specifically to work with the Alarm.com hosted video service

IP - CAMERAS

Outdoor Wireless IP Camera with Night Vision

ALA-V720W

- Wireless, weather-proof, Hi-Def camera designed for outdoor surveillance
- IR cut filter allows nighttime viewing of over 40' in the dark
- Can be installed as a wireless camera or hard-wired to a local router
- Durable camera with optimal operating temperatures ranging from 4˚F-122˚F
- A power cable is required and included for all Alarm.com cameras

IP - CAMERAS

Outdoor PoE IP Camera with Night Vision

ALA-V720

- Outdoor, weather-proof camera with Power-over-Ethernet connectivity
- Specs are identical to the V720W except for PoE replacing Wireless ability
- Only a single Ethernet cable needed for both power and network connection
- Designed specifically to work with the Alarm.com hosted video service

IP - CAMERAS

Indoor Fixed Dome IP Camera

ALA-V820

- Alarm.com's new vandal-proof IP camera for durable surveillance indoors
- Designed for both residential and commercial settings
- Hi-Def 720P live viewing and recorded resolution up to 1280x800
- Designed specifically to work with the Alarm.com hosted video service

IP - CAMERAS

Single-Channel Analog Video Server

ALA-VS1

- Designed to allow analog video cameras to work the Alarm.com video service
- Live viewing and recorded resolution up to 704x480
- Easy and compact solution to allow remote viewing with analog cameras
- Single-channel supports one analog video camera

IP - CAMERAS

Four-Channel Analog Video Server

ALA-VS420

- Designed to allow analog video cameras to work the Alarm.com video service
- Up to 4 analog video camers can be connected through the video server
- Live viewing and recorded resolution up to 704x480
- Easy and compact solution to allow remote viewing with analog cameras

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SOFTWARE

NetStation 4 - Open Platform IP Software

SPT-NS04 - 4 IP Cameras Software Base License

- Advanced motion detection
- Advanced archive recording with time line
- Support for all major IP manufacturers
- Bandwidth optimization for multi video streaming
- Advanced CMS free client software for PC and mobile devices

SOFTWARE

NetStation+1 -Add-On Camera License

ALN-NSADDON - Add-On Camera License

- Advanced motion detection with VCA support
- Advanced archive recording with time line
- Support for all major IP manufacturers
- Bandwidth optimization for multi video streaming
- Advanced CMS free client software for PC and mobile devices

ALNET
SYSTEMS
Open Platform Professional IP Video Surveillance Managment Software
European quality at an affordable price
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Open Platform Hybrid Video Surveillance System HD-SDI
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Advanced Powerful Remote Client Software
CMS MOBILE
Video Client Software For Mobile Devices
CMS WEB
Web Based Video Client
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- Ports provide PoE (IEEE 802.3af) and/or PoE+ (IEEE 802.3at)
- Ethernet connectivity facilitates local and remote programming and status monitoring (multi-port versions)
- Auto detection and protection of legacy non-PoE cameras/devices

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a better way to **manage PoE**

NetWayM - Managed Midspans

- Available in 8 and 16 port configurations
- IEEE 802.3af (PoE) and IEEE 802.3at (PoE+) compliant
- Ethernet port enables feature programming and port status monitoring
- PoE shutdown feature - resets cameras and devices
- Auto detection and protection of legacy non-PoE cameras/devices

NetWay1E - Single Port Midspan Injector

- IEEE 802.3af (PoE) and IEEE 802.3at (PoE+) compliant
- PoE shutdown feature - resets cameras and devices
- Auto detection and protection of legacy non-PoE cameras/devices

NetWayXT - Repeater Module

- Interfaces with NetWay midspans to extend data (video) an additional 100m (328 ft)
- IEEE 802.3af (PoE) compliant
- Multiple units may be used on each port to extend range (quantity based on device current draw)
- Auto detection and protection of legacy non-PoE cameras/devices

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IP VIDEO

IP - TRANSMISSION

900 MHz Outdoor Wireless Ethernet Bridge

AVA-AW900XTRPAIR

- Pre-configured Ethernet bridge for non-line-of-sight point to point links
- Rugged outdoor package meets IP66 Standard for water and dust protection
- 1.54 Mbps RF data rate with up to 40 mile range
- 12 RF channels, manually or automatically switched to avoid interference
- Limited time bonus! Two 11 dBi YAGI directional antennas included

IP - TRANSMISSION

5.8 GHz 100 Mbps Wireless Ethernet Subscriber Unit

AVA-AW58100HTS

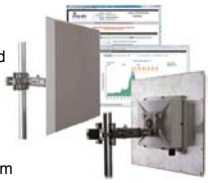
- Up to 100 Mbps RF data rate keeps up with high resolution cameras
- Line-of-sight range up to 5 miles
- Used in combination with the AVA-AW58100HTA Access Point
- Latest MIMO technology provides 100 Mbps in a 20 Mhz RF channel
- Weatherproof enclosure, dual element flat panel 23 dBi antenna, POE

IP - TRANSMISSION

900 MHz Outdoor Ethernet Panel Bridge

AVA-AW900XTPPAIR

- Pre-configured directional Ethernet bridge for outdoor point to point links
- Rugged outdoor enclosures integrated with 12.5 dBi flat panel antennas
- 13" square, POE, pole-mount brackets included
- 25 mile range with 1.5 Mbps RF data rate
- Built-in browser interface with spectrum analyzer, link status, settings



IP - TRANSMISSION

High Security Network Appliance

AVA-AWHSNETAPPLIANCE - High Security Network Appliance

- Used in pairs to create a private and secure tunnel through the Internet
- Security Validated to NIST FIPS 140-2 Level 2 (Certificate No. 1452)
- Physically separate data paths for encryption keys and encrypted data
- LAN for data, USB for keys
- Compact package with low 3 Watt power requirement

IP - TRANSMISSION

900 MHz Indoor Wireless Ethernet Bridge

AVA-AW900ITRPAIR

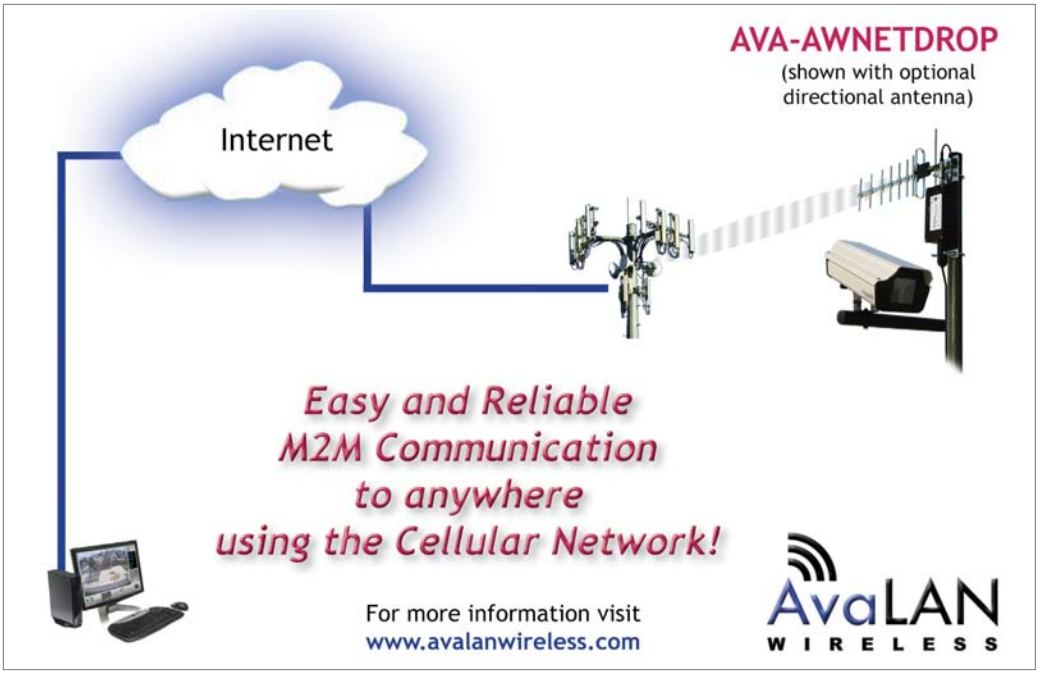
- Pre-configured Ethernet bridge for non-line-of-sight point to point links
- Can penetrate indoors up to 1500' or through 10 building walls
- Small, low-cost, low power packages with built-in browser interfaces
- 1.5 Mbps RF data rate, 935 Kbps Ethernet throughput
- 2.5 dBi omnidirectional antennas included, directional antennas available

IP - TRANSMISSION

4G Cellular Industrial Outdoor Ethernet Gateway

AVA-AWNETDROP

- AT&T, Verizon, Sprint, others pending
- Supports all of the RF bands, standards and protocols in use today
- Rugged weatherproof outdoor diecast aluminum package• Low power consumption - may be solar powered
- Built-in web browser interface for easy configuration and status monitoring



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IP - TRANSMISSION

5.8 GHz Outdoor 100 Mbps Wireless Access Point

AVA-AW58100HTA

- Up to 100 Mbps RF data rate keeps up with high resolution cameras
- Line-of-sight range up to 5 miles
- Used in combination with one or more AVA-AW58100HTS Subscriber Units
- Latest MIMO technology provides 100 Mbps in 20 MHz wide RF channel
- Weatherproof aluminum enclosure with POE for single cable installation

IP - TRANSMISSION

5.8 GHz Outdoor 300 Mbps Wireless Access Point

AVA-AW58300HTA

- Up to 300 Mbps RF data rate keeps up with high resolution cameras
- Line-of-sight range up to 5 miles
- Used in combination with one or more AVA-AW58300HTS Subscriber Units
- Latest MIMO technology provides 300 Mbps in 40 MHz wide channel
- Weatherproof aluminum enclosure, dual antennas, POE single cable install

IP - TRANSMISSION

100 Mbps Subscriber Unit with 3-port Switch

AVA-AW58100HTS

- Supports up to 3 802.3af compliant IP cameras at one location
- 25 Watts of Power Over Ethernet available
- Line of sight range up to 5 miles paired with AVA-AW58100HTA Access Point
- Weatherproof aluminum enclosure, sealing glands for LAN cable entry
- Built-in browser interface for easy re-configuration and link monitoring

IP - TRANSMISSION

5.8 GHz 300 Mbps Wireless Ethernet Subscriber Unit

AVA-AW58300HTS

- Up to 300 Mbps RF data rate keeps up with high resolution cameras
- Line-of-sight range up to 5 miles
- Used in combination with the AVA-58300HTA Access Point
- Latest MIMO technology provides 300 Mbps in a 40 MHz RF channel
- Weatherproof enclosure, dual element 23 dBi flat panel antenna, POE

IP - TRANSMISSION

5.8 GHz Outdoor 100 Mbps Wireless Ethernet Bridge

AVA-AW58100HTPPAIR

- Up to 100 Mbps RF data rate keeps up with high resolution cameras
- Point-to-point 40 Watts EIRP for maximum range and interference penetration
- Line of sight range up to 30 miles
- Weatherproof enclosures, dual element 23 dBi flat panel antennas, POE
- Built in browser interface for easy re-configuration and link status

IP - TRANSMISSION

5.8 GHz Outdoor 300 Mbps Wireless Ethernet Bridge

AVA-AW58300HTPPAIR

- Up to 300 Mbps RF data rate keeps up with high resolution cameras
- Point-to-point 40 Watts EIRP for maximum range and interference penetration
- Line of sight range up to 30 miles
- Weatherproof enclosures, dual element 23 dBi flat panel antennas, POE
- Built-in browser interface for easy re-configuration and link status

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IP - CAMERAS (MEGAPIXEL)

iPAC® Full HD Bullet Cam with IR Vari Focal Lens

BTG-BN5035M2 - Full HD 2.0MP Bullet cam with IR & 3.3-12mm lens

- Sony Exmor™ 1/2.8" sensor, 1920x1080p @ 30fps - Multi Stream (3) H.264&Jpeg
- Day/Night with ICR & 8pc High Intensity adaptive LEDs up to 80' Infra
- 2 Way Audio, Micro SD slot, Alarm I/O, POE, Privacy Masking, BNC analog out
- Onvif Compliant, compatible with most VMS, License FREE NVMS included
- Also available in WDR, 1.3MP & 5.0 Mega Pixel

IP - CAMERAS (MEGAPIXEL)

iPac® Full HD 22x PTZ Camera

BTG-BN1009MPTZ22 - Full HD 2.0 Mega Pixel 22x optical zoom PTZ

- 1/4" Mega Pixel Sensor, 1920x1080p D/N with ICR Filter
- H.264 & Jpeg compression, Multi Streams (3)
- 2 Way Audio, Micro SD slot, 2 Alarm I/O, Privacy Masking, BNC out, IP66
- 22x Opt. Zoom, IP66, Built in Web Server, 255 presets, 6 patterns, 12 Tours
- Onvif Compliant compatible with most VMS soft., License Free NVMS included

IP - CAMERAS (MEGAPIXEL)

iPAC™ Full HD Vandal IR Vari-Focal Dome

BTG-BN5009M2 - Full HD Vandal Proof Vari focal 3.3-12mm IR Dome

- Full HD 1/2.8" Sony Exmor Sensor, 1920x1080p @ 30fps
- H.264 & Jpeg Compression Multi Streams (3)
- Day/Night, I.R. up to 80' with ICR Filter
- 2 Way Audio, Micro SD slot, Alarm I/O, POE, Privacy Masking, BNC analog out
- Onvif Compliant, FREE NVMS software, also in WDR, 1.3MP & 5.0MP

IP - CAMERAS (MEGAPIXEL)

iPAC™ Megapixel Boxed Camera

BTG-BN5002M2

- Full HD Sony Exmor 1/2.8" Sensor, 1920 x 1080p @ 30fps
- H.264 / JPEG compression Multi-Streams (3)
- Day/Night Mechanical I.R. Filter, 2 Way Audio, Built in Micro SD Card slot
- BNC output for ease of installation or monitor out. Also in 1.3MP & 5.0MP
- Onvif compliant, License Free NVMS included

IP - CAMERAS (MEGAPIXEL)

iPac® Full HD Vandal Mini IR Dome

BTG-BN5002M2M - Full HD 2.0 M.P. IR Mini dome vandal proof

- 1/2.8" Sony Exmor™ Sensor, 1920x1080 @ 30fps, H.264 & MJPEG, 3 Streams
- True D/N with ICR, IR 20' 1pc High Intensity LED
- Indoor Outdoor - Vandal Proof, Micro SD card slot, POE
- Onvif compliant, License Free NVMS software included
- Mobile Apps available for iOS and Android devices

IP - CAMERAS (MEGAPIXEL)

iCube Wifi PIR Network IR Camera

BTG-BN1008

- 1/4" Progressive Scan Sensor,1280x720p @ 30fps., H.264/MPEG4/JPEG, 3 stream
- Built in PIR, High Powered I.R. LED's, Day/Night Mechanical I.R. filter
- Wifi, Alarm I/O, 2way Audio, Micro SD Slot for local recording, Email Alert
- iOS, Android compatible. Apps available in the App Store, Google play
- All in one value solution for small businesses, retail stores, home security

IP - RECORDING DEVICES & CONTROL EQUIPMENT

Bolide Video Encoder

BTG-BN5002 - 1ch Video Encoder with 2 way Audio and SD card

- H.264 Dual Stream Video Encoder, Max 30fps
- 2 Way Audio, Alarm I/O, Micro SD card slot, web browser server embedded
- Motion Detection, CBR/VBR
- Onvif Compliant, Lincense Free NVMS included

IP - RECORDING DEVICES & CONTROL EQUIPMENT

Bolide Mini NVRs - 4, 8, or 16ch

BTG-BNNVRS4 - Mini NVR 4, 8, or 16ch up to 4TB internal HDD

- High Profile H.264 Recording and Decoding @1080p, 720P, VGA, HDMI video out
- Internal removable HDD up to two drives
- Easy to use software ideal for beginners. Multi NVR CMS software available
- Live view on mobile devices IOS or Android compatible
- Available in 4, 8, and 16ch. Up to 1080P recording

iPac™
The Ease of Plug and Play.
Onvif
Bolide
iPac Features:
5.0 Mega Pixel | 2 Mega Pixel | WDR | Mechanical IR-Cut Filter | Onvif | Infrared| Full HD| POE | SD Card Local Recording | Two-way Audio | RS485 | Alarm In/Out |
Free 128-ch NVMS Software | Free NVR
BOLIDE TECHNOLOGY GROUP
ISO 9001:2008 Certified
iPac is fully compatible with
www.bolideco.com

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IP - CAMERAS (MEGAPIXEL)

5MP & 2MP/HD 1080p IP 200 Series MicroDome Camera

BOSCH Invented for life

BOS-NDC284PT - 5 MP MicroDome, 3.74mm lens, IP66 vandal-resistant
BOS-NDC274PT - 2 MP/HD 1080p, IP66, 4.37mm, vandal-resistan
BOS-NDC274P - 2 MP/HD 1080p IP MicroDome, 4.37mm lens

- Complete network video surveillance system
- 5MP and HD 1080p for sharp images
- Dual H.264 and M-JPEG streams simultaneously
- High capacity storage inside camera (MicroSDXC slot)
- ONVIF conformant

IP - CAMERAS (MEGAPIXEL)

IP Microdome 5000

BOSCH Invented for life

BOS-NUC50051F4 - Dome, 1.8-3mm, motion +
BOS-NUC50051F2 - 5MP microdome, 2.5 mm lens, IP66
BOS-NUC50051F2M - 5MP microdome, 2.5 mm lens, IP66, IVM
BOS-NUC50022F4 - HD 1080p microdome, 4.37 mm lens, IP66
BOS-NUC50022F2 - 1080p microdome, 2.5 mm lens, IP66
BOS-NUC50022F2M - 1080p microdome, 2.5 mm lens, IP66, IVM

- Discreet and aesthetic network microdome
- HD 1080p and 5MP resolutions
- MicroSD card slot for edge recording
- Motion and tamper detection
- Cloud ready and dropbox alarm feature

IP - CAMERAS

IP Outdoor 5000

BOSCH Invented for life

BOS-NDN50051V3 - IP Dome 5M IP66
BOS-NDN50022V3 - IP Dome 1080p IP66
BOS-NDI50022V3 - Infrared IP Dome 1080p IP66

- Vandal-resistant, IP66-rated dome camera with varifocal lens
- HD 1080p and 5MP resolution
- Tri-streaming: H.264 and M-JPEG
- Micro SD card for edge recording
- IR version with 15 m (50 ft) viewing distance

IP - CAMERAS

IP Microbox 2000

BOSCH Invented for life

BOS-NPC20012F2 - HD 720p microbox, 2.5mm lens
BOS-NPC20002F2 - VGA microbox, 2.5mm lens

- Plug and play microbox camera
- HD 720p or VGA resolutions at 30 images per second
- MicroSD card for edge recording
- Motion and audio detection
- Cloud ready and dropbox alarm feature

IP - TRANSMISSION

VIP X16 XF E Economical Video Encoder

BOSCH Invented for life

BOS-VIPX16XFE - 16 CH. H.264 Dual Streaming Encoder; Motion+ VCA

- U16 video input channels with Dual Streaming
- Deinterlacing at video input and progressive encoding
- Network-attached iSCSI recording
- Motion detection and privacy masking
- ONVIF conformant

IP - CAMERAS (MEGAPIXEL)

1 MP / HD 720p IR Dome and Bullet Cameras

BOSCH Invented for life

BOS-NTC265PI - 1 MP/HD 720P D/N IR Bullet, 2.7- 9mm, IP66
BOS-NTC255PI - VGA D/N bullet, 3.7-10mm, IP66
BOS-NDN265PIO - 1 MP/HD 720p, D/N IR dome, 2.7-9mm varifocal, IP66

- Complete network video surveillance system inside a compact dome
- 1 MP/HD 720p for detailed images
- Progressive scan for sharp images of moving objects
- Active infrared illuminator inside the camera for low-light environ

IP - CAMERAS (MEGAPIXEL)

1 MP/HD 720p Indoor IP Domes and Camera

BOSCH Invented for life

BOS-NDC265P - Dome, 2.7-9mm varifocal
BOS-NBC265P - Camera, 2.7-9mm varifocal

- Complete network video surveillance system inside a compact camera/dome
- HD 720p progressive scan for sharp images of moving objects
- Tri-streaming: H.264 and M-JPEG
- High capacity storage inside camera (MicroSDXC slot)
- Free PC surveillance software supports multiple camera monitoring

IP - CAMERAS

IP Microbox 2000

BOSCH Invented for life

BOS-NUC20012F2 - HD 720p microdome 2.5 mm lens
BOS-NUC20002F2 - VGA microdome 2.5 mm lens

- Discreet and aesthetic network microdome
- HD 720p or VGA resolutions at 30 images per second
- MicroSD card for edge recording
- Motion and audio detection
- Cloud ready and dropbox alarm feature

Advantage Line

IP - CAMERAS

FLEXIDOME Starlight 720p60 HD & NIN Series FLEXIDOME VR

BOSCH Invented for life

BOS-NIN733V03P - 720p60 startlight VR
BOS-NIN832V03P - 1080p VR
BOS-NIN932V03P - 1080p30 HDR VR, IVA installed
*Options available in Box and Rugged Domes

- 3-9MM SR-Lens, SDXC card slot
- Excellent low-light performance - 0.017 lx in colour (NIN-733)
- High Dynamic Range to see details in bright and dark areas simultaneously (NIN-932)
- Content-based scene analysis optimizes the image processing
- Intelligent noise reduction reduces bandwidth and storage requirements by up to 30%

IP - TRANSMISSION

VideoJet XTC XF H.264 Video Transcoder

BOSCH Invented for life

BOS-VJTXTCXF - 4 CH. H.264 Transcoder, 2 independent streams

- Dynamic Transcoding for live view and advanced remote replay
- Combines with Video Security iPad app for live view and play of Bosch HD
- Synchronizes available bandwidth and image quality for viewing details
- Instantly displays full HD 1080p/ megapixel resolution when video is paused

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Brickcom

IP - CAMERAS (MEGAPIXEL)

Compact Cube Network Cameras Brickcom

BRK-CB300AP - 3MP / **BRK-WCB300AP** - 3MP Wireless
BRK-CB500AP - 5MP / **BRK-WCB500AP** - 5MP Wireless

- Most Intelligent, Compact and Affordable 3M/5M Camera
- Intelligent Multi-Profile Sensor Management for Different Environment
- Edge Recording/ Micro SD slot
- PoE/ Two-way Audio/ PIR/ Illumination LED/ DIDO/ Privacy button
- Support 802.11a/b/g/n Dual Band Wireless Connectivity (for Wireless Model)

IP - CAMERAS (MEGAPIXEL)

Outdoor Network Bullet Cameras Brickcom

BRK-OB300NP - Motorized Lens 3MP
BRK-OB302NP - VariFocal Lens Optional 3MP
BRK-WOB300NP - Wireless 3MP
BRK-GOB130NP - 3G Build-In 1.3MP

- Intelligent Multi-Profile Sensor Management® for Different Environments
- Brickcom WDR Enhancement® Technology inside
- IP67 Outdoor Enclosure Built-in Fan (-40°C ~ 50°C) and Heater
- PoE(802.3at) / PoE(802.3af)/ DC12V Supported
- Two-way Audio/Built-in Micro SD/SDHC Memory Card Slot for Local Storage

IP - CAMERAS (MEGAPIXEL)

Vandal Dome Network Cameras Brickcom

BRK-VD130NP - 1.3MP, Motorize Lens
BRK-VD132NP - 1.3MP, Vari-Focal Lens
BRK-VD300NP - 3MP, Motorize Lens
BRK-VD302NP - 3MP, Vari-Focal Lens

- N-Series Sony Exmor™ Vandal Dome Camera
- Brickcom WDR Enhancement® technology inside
- Intelligent Multi-Profile Sensor Management® for Different Environments
- Two-way Audio/Built-in SD/SDHC Memory Card Slot for Local Storage

IP - CAMERAS (MEGAPIXEL)

Mini Box Network Cameras Brickcom

BRK-MB300AP - 3MP / **BRK-WMB300AP** - 3MP Wireless
BRK-MB500AP - 5MP / **BRK-WMB500AP** - 5MP Wireless

- Most Intelligent, Compact and Affordable 3M Camera
- HDTV Quality (Full HD 1080p @ 30fps Streaming)
- IEEE 802.11a/b/g/n Simultaneous Dual-Band Wireless. WPS Function Support
- Removable IR-cut Filter Superior for Night Vision
- Intelligent Multi-Profile Sensor Management for Different Environment

IP - CAMERAS (MEGAPIXEL)

Fixed Box Cameras Brickcom

BRK-FB300NP - 3MP **BRK-FB500NP** - 5MP

- 5 Megapixel at 10 fps. HD1080P at 30fps
- Brickcom WDR Enhancement® technology inside
- Removable IR-Cut Filter. Support DC Iris
- Intelligent Multi-Profile Sensor Management® for Different Environments
- Built-in Micro SD/SDHC Memory Card Slot for Local Storage

IP - CAMERAS (MEGAPIXEL)

3 Megapixel 360° Panoramic Mini Dome Network Camera Brickcom

BRK-MD300NP360AP

- ImmerVision Enables® 360° Panoramic Lens Supports
- Intelligent Multi-Profile Sensor Management® for Different Environments
- Brickcom WDR Enhancement® Technology inside
- Most Intelligent, Smallest, Compact 180°/ 360° Surround View Camera
- Weather-proof (IP67) and Vandal-proof (IK10) with Stylish Design

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PIXELMASTER SERIES EMBEDDED NVRs

PIXEL MASTER

Configuration Instructions:

1. Plug
2. Play

THE SIMPLICITY OF TRUE PLUG AND PLAY OPERATION WITH 1080p REAL-TIME RECORDING.

PixelMaster Series NVRs provide uncompromised features and operation with minimal setup time.

The PixelMaster Series is ready to go—right out of the box. There's no better time than now to "go HD"—and now the PixelMaster Series makes it even easier.

Now Available

PixelMaster Pro Series
8 and 16 Channel
with up to 15TB HDD

Features:

- 1080p real-time recording
- Triplex operation
- H.264 compression
- Built-in PoE switching HUB
- Automatic router port forwarding
- Remote viewing via web, PC software or smartphone

Plug and Play with GANZ PixelPro IP Cameras with NO Configuration Required!

GANZ

www.computarganz.com

CBC (AMERICA) Corp.

NY: 1-800-422-6707 **CA:** 1-877-407-9555

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IP - CAMERAS (MEGAPIXEL)

PixelPro iPak Pre-Assembled Outdoor IP Camera Kits

CHU-IPAKSERIES

- Pre-assembled kit with PixelPro CS mount megapixel camera & lens
- Pre-wired power & Ethernet cables included
- Feed-through mounting bracket conceals cables
- 24VAC Heater (HWB2) and optional IR illuminator with bracket
- IP65 rated for all weather conditions

IP - CAMERAS (MEGAPIXEL)

PixelPro Mini IP Dome and Auto Focus Camera

CHU-ZNMD243M - Dome with 4.3mm Lens
CHU-ZNMD221M - Dome with 2.1mm Lens
CHU-ZNM2AF - Mini Auto Focus Camera

- 1080p HD Resolution
- 1/2.8" Progressive Scan CMOS Sensor
- 5x Zoom (Mini Auto Focus Camera)
- Improved Picture Quality and Low Light Performance
- Digital Day/Night Performance

IP - CAMERAS (MEGAPIXEL)

Outdoor IP Bullet Camera

CHU-ZNB2MTP - 1080p
CHU-ZNB1MTP - 720p

- 1/2.8" Progressive Scan CMOS, 3-9mm Varifocal lens
- True Day/Night Performance
- DPC (Defective Pixel Correction)
- 42 IR LEDs provide over 100' illumination range
- 12VDC, 24VAC or PoE, IP66 Rated

IP - CAMERAS (MEGAPIXEL)

PixelPro Indoor IP Domes

CHU-ZND2MTP - 1080p Dome
CHU-ZND2MTPIR - 1080p Dome with IR LEDs
CHU-ZND1MTP - 720p Dome
CHU-ZND1MTPIR - 720p Dome with IR LEDs

- 1/2.8" Progressive Scan CMOS
- Built-in 3-9mm Varifocal Lens
- Improved Picture Quality and Low Light Performance
- 18 IR LEDs (on IR models)
- True Day/Night Performance

IP - CAMERAS (MEGAPIXEL)

PixelPro Outdoor IP Domes

CHU-ZNDT2MTP - 1080p Dome
CHU-ZNDT2MTPIR - 1080p Dome with IR LEDs
CHU-ZNDT1MTP - 720p Dome
CHU-ZNDT1MTPIR - 720p Dome with IR LEDs

- 1/2.8" Progressive Scan CMOS
- Built-in 3-9mm Varifocal Lens
- Improved Picture Quality and Low Light Performance
- 18 IR LEDs (on IR models)
- True Day/Night Performance

IP - RECORDING DEVICES & CONTROL EQUIPMENT

ZNR Series of NVR Servers

CHU-ZNRSERIES

- Advanced Intel processors & chipset optimized for HD Video
- Servers are pre-installed with Windows 7 (other Windows OS available)
- Servers support all GANZ IP camera models
- IP & Hybrid models 2TB-10TB, RAID-5 Lite 4TB-44TB, RAID-5 12TB-60TB
- Can be pre-loaded w/ GanzVision®, Ganz ZNS or with your choice of NVR software

IP - RECORDING DEVICES & CONTROL EQUIPMENT

4 & 8 Channel H.264 1080p Embedded NVR Servers

CHU-NR4HL - 4 Channel (2TB or 4TB)
CHU-NR8HL - 8 Channel (2TB or 4TB)

- 1080p HD recording at up to 240 fps (8 ch), 120 fps (4 ch)
- Triplex operation and efficient H.264 compression
- Full HD GUI, PC and web based remote agent, smartphone application
- Built-in PoE switching HUB and automatic router port forwarding
- Plug and play all Ganz PixelPro IP cameras with no configuration required

IP - RECORDING DEVICES & CONTROL EQUIPMENT

1080p PRO Embedded NVR Servers

CHU-NR8H - 8 Channel (3TB-15TB)
CHU-NR16H - 16 Channel (3TB-15TB)

- Full HD Gui, PC and Web Based Remote Agent, Smartphone Application
- Built-in PoE Switching HUB and Automatic Router Port Forwarding
- HDD Failure Notification (S.M.A.R.T)
- Plug and play all Ganz PixelPro IP cameras with no configuration required

IP - SOFTWARE

GanzVision NVR Software

CHU-GVIP01 - Single Camera License
CHU-GVH1608 - 16 Channel Analog with 8 IP Licenses
CHU-GVH3208 - 32 Channel Analog with 8 IP Licenses
CHU-GVST01 - Ganz Vision START Value Software (Single License)

- A powerful NVR software for managing IP video surveillance systems
- Intuitive user interface requires little to no training
- Simple and cost-effective to add additional IP camera licenses
- Digital PTZ functionality on all cameras in live and recorded mode
- Economical "START" version available

IP - SOFTWARE

ZNS Series NVR Software

CHU-ZNSSERIES

- E-mail notification in Event and Action management wizard
- AVI export (keep original & regular compression) with audio
- Client application audio notifications by alarm events
- Broadcast Server allows for remote viewing from mobile devices
- No maintenance fees and free software upgrades

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IP - TRANSMISSION

Eight Port Managed Ethernet Switch

CON-CWFE8TX8MS

- Eight Port Managed Ethernet Switch
- Eight Electrical RJ-45 Ports
- Supports the 10/100 Mbps (10/100BASE-TX) Ethernet IEEE 802.3 protocol
- Ambient Operating Temperature: 0C to +50C
- IGMP Snooping & Spanning Tree
- Five Year Warranty

IP - TRANSMISSION

9 port 10/100/1000Mbps Managed Ethernet Switch with (8) 10/100/1000TX + (2) 100/1000FX SFP Ports

CON-CWGE9MS

- (8) 100/1000 BASE-TX and (2) 100/1000FX combo ports.
- Ports 1 - 8 support the 10/100/1000 Mbps Ethernet IEEE 802.3 protocol.
- Ports 8 & 9 are 10/100/1000 configurable for copper or 100/1000 fiber media for use with multimode or single mode optical fiber without need for configuration, selected by optional SFP modules

IP - TRANSMISSION

Modular 24 port Configurable Managed Ethernet Switch

CON-CWGE24MODMS **CON-CWGE8TX** - 8 Port 10/100/1000T module
CON-CWGE8FXSCM1 - 8 Port 1000FX module **CWGE8FXSFP** - 8 Port SFP module
CON-CWGE8TX4SFP4 - 4 Port 10/100/1000T + 4 SFP module

- (24) configurable Ethernet Ports customizable by the selection of three eight port expansion modules
- Easily configurable by selecting eight port modules that allow for all copper, optical with four copper and four small form factor pluggable (SFP) modules, or all optical with SFP modules

IP - TRANSMISSION

Ethernet Media Converter

CON-CNFE2SCM2 - MM 2 Fiber **CON-CNFE2SCS2** - SM 2 Fiber

- Designed for installation in benign operating environment
- 10/100 Base -TX Electrical to 100 Base-FX
- Optical Fiber Media Converter
- Two Fiber SC Optical Fiber Connector Design
- Multimode and Singlemode Fiber models
- Ambient operating temperature range: 0C to +50C
- Power Supply Included
- 5 Year Warranty

IP - TRANSMISSION

10/100/1000Mbps Universal Ethernet Media Converter

CON-CNMCSFPM - 10/100 or 1000 Mbps Selectable Media Converter

- Hardened, user selectable 100fx or 1000fx single-channel media converter
- Dip Switch Selectable
- Uses ComNet SFPs for number of fibers, connector types, and distances
- Small package size allows the unit to be installed in tight spaces
- Made in USA with a Lifetime Warranty

IP - TRANSMISSION

ComPak Ethernet over Copper Combination Package

CON-COMPAK1EOC

- Each ComPak contains two CNFE1EOC ends
- Uses a telephone-grade twisted copper pair, legacy serial cabling, or standard 75 ohm coaxial cable circuits
- Ideal for those applications where an existing installed base of copper wiring for Ethernet transmission is available
- Automatically selects fastest data rates, depending upon the transmission distance and cable quality

IP - TRANSMISSION

CopperLine™ Ethernet-over-Coax Extender with PoE

CON-CLFE1COAX - 1 Channel **CON-CLFE4COAX** - 4 Channel
CON-CLFE8COAX - 8 Channel **CON-CLFE16COAX** - 16 Channel

- Transmits individual 1, 4, 8 or 16 Ethernet data channels with PoE
- Extends Ethernet up to 5,000' (1524 m) over coaxial cable
- Meets the IEEE 802.3af standard for Power over Ethernet
- High-data rate, ideal for high bandwidth requirements
- 5 Year Warranty, Made in USA

IP - TRANSMISSION

CopperLine™ Ethernet-over-UTP Extender with PoE

CON-CLFE1UTP - 1 Channel **CON-CLFE4UTP** - 4 Channel
CON-CLFE8UTP - 8 Channel **CON-CLFE16UTP** - 16 Channel

- Transmits individual 1, 4, 8 or 16 Ethernet data channels with PoE
- Extends Ethernet up to 3,000' (1524 m) over coaxial cable
- Meets the IEEE 802.3af standard for Power over Ethernet
- High-data rate, ideal for high bandwidth requirements
- 5 Year Warranty, Made in USA

IP - TRANSMISSION

Ethernet Media Converters with Fixed Optics

CON-CNFE1002MAC - One Fiber ST Media Converter
CON-CNFE1003MAC - Two Fiber SC Media Converters
CON-CNFE1004MAC - One Fiber SC Media Converter
CON-CNFE1005MAC - Two Fiber ST Media Converters

- Environmentally Hardened
- One and Two Fiber SC and ST Optical Fiber Connector Design
- Multimode and Single-mode Fiber models
- Ambient operating temperature range: -40°C to +75°C • Lifetime Warranty

IP - POWER OVER ETHERNET

Ten Port Managed Ethernet Switch with POE

CON-CWGE2FE8MSPOE

- (8) 10/100 BASE-TX and (2) 10/100/1000TX or 100/1000FX combo ports
- All 8 ports support IEEE.802.3af based POE
- 2 ports are 10/100/1000 configurable for copper or fiber media for use with multimode or single mode optical fiber, selected by optional SFP modules
- Ambient operating temperature range: 0C to +50C

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IP - TRANSMISSION

CopperLine™ 4-port Ethernet Unmanaged Switch

CON-CLFE4US1TPC - 4-port UTP/Twisted Copper and Coaxial Extender

- Combines four Ethernet data channels over a single COAX or UTP Cable
- Up to 5,000' (1524 m) over coax; or up to 3000' (914 m) over UTP
- High Density: High (4) channel count within a very small package
- Can be powered using 12 Volts DC, 24 Volts AC or Poe af/at power sources
- High data rate, ideal for high bandwidth requirements

IP - POWER OVER ETHERNET

ComNet Self-Managed Switches

CON-CNFE4SMSPOE - 4 TX Port Self-Managed Switch with and without PoE
CON-CNFE5SMSPOE - 5 TX Port Self-Managed Switch with and without PoE
CON-CNFE4+1SMSPOE - 4 TX 1 FX Self-Managed Switch with/without PoE
CON-CNFE6+2USPOE - 6 TX 2 FX Self-Managed Switch with PoE

- Combine data from TX ports and provide uplink through TX or FX Port
- Pre-programmed Port for uplink to other Ethernet devices
- Supports IEEE802.3at standard delivering 30w per port (PoE+)
- Prevents Network Flooding • Made in USA

IP - POWER OVER ETHERNET

Media Converter with Power over Ethernet

CON-CWFE1003POEM - 2 Fiber SC Media Converter with PoE
CON-CWFE1003POEM - 2 Fiber ST Media Converter with PoE IEEE802.3at

- Exceed the requirements IEEE 802.3at PoE standard
- Higher output 60 watt model optional
- SC or ST optical connectors
- Ideal for applications where equipment draws significant power
- Made in USA

DATA COMMUNICATIONS

NetWave™ Wireless Ethernet Link

CON-NW3 - Commercial Wireless Point-to-Point Kit

- Pre-configured access Point and Client units for quick setup
- 802.11a/n Compliant
- ComNet antenna alignment feature eases installation and setup
- Secure transmission: WPA2 – AES or TKIP encryption
- Lifetime Warranty

The Single-Source Solution for all your Transmission Products

Only One Company Can Put All The Pieces Together

No Matter What You Need to Transmit, ComNet has Your Solution with the Industry's **Most Complete Line** of Transmission Equipment

Fiber Optic, Wireless or COAX/UTP

› **Fiber Optic Audio, Video & Data**

› **Fiber Optic Ethernet**
Managed Ethernet Switches and Media Converters with or without PoE+

› **CopperLine® Extenders**
Ethernet over UTP/COAX Distance Extenders

› **NetWave™ Wireless Ethernet**
Point-to-Point and Point-to-Multipoint

comnet Communication Networks

MADE IN THE USA

LIFETIME WARRANTY

› Free Design Center Application Support

› Pre & Post Sale Technical Support - USA Based

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IP - CAMERAS (MEGAPIXEL)

2.1 Megapixel Armored Vandal Dome Camera (ONVIF)

DWD-MPA20M - 2.1MP (1080P), Day/ Night

- 1/2.8" CMOS, Triple Codec with Dual Stream
- 4.3mm Fixed Lens, 8X Digital Zoom
- Power over Ethernet & DC12V
- 3D Digital Noise Reduction
- IP66 Certified (Weatherproof)

IP - CAMERAS (MEGAPIXEL)

2.1 Megapixel Armored Vandal Dome Camera (ONVIF)

DWD-MC421D - 2.1MP (1080P), Day/ Night

- 1/2.8" CMOS Sensor (7% Larger than 1/3" Sensor), OnVIF Conformant
- Power over Ethernet & DC12V, micro SD card
- Two-Way Audio, Compatible with C and CS Mount Lenses (Not Included)
- Triple Codec [H.264, MJPEG, MPEG4], Dual Stream
- 3D Digital Noise Reduction, Wide Dynamic Range

IP - CAMERAS (MEGAPIXEL)

2.1 MEGapixel Snapit IR Indoor Dome Camera (ONVIF)

DWD-MD421TIR - White **DWD-MD421TIRB** - Black

- 2.1MP (1080P), True Day/Night, 70' Range IR
- 1/2.8" CMOS, Triple Codec with Dual Stream, Power over Ethernet
- 3.5-16mm Auto Focus Lens, 8X Digital Zoom, 4.5X Optical Zoom, 2-Way Audio
- 3D Digital Noise Reduction, Wide Dynamic Range, 2-Way Audio, SD Card
- Completing your installation quickly, it's a Snap!

IP - CAMERAS (MEGAPIXEL)

2.1 MEGApixel Snapit Indoor Dome Camera (ONVIF)

DWD-MD421D - White **DWD-MD421DB** - Black

- 2.1MP (1080P), Day/Night
- 1/2.8" CMOS Sensor [7% larger than 1/3" Sensor], Wide Dynamic Range
- 3.5-16mm Auto Focus Lens, 8X Digital Zoom, 4.5X Optical Zoom, 2-way Audio
- Power over Ethernet, SD Card, IP68 [Waterproof], Junction Box Built-in
- Completing your installation quickly, it's a Snap!

IP - CAMERAS (MEGAPIXEL)

2.1 MEGApixel Snapit IR Vandal Dome Camera (ONVIF)

DWD-MV421TIR - White **DWD-MV421TIRB** - Black

- 2.1MP (1080P), True Day/Night, 70' Range IR
- 1/2.8" CMOS, Wide Dynamic Range
- 3.5-16mm Auto Focus Lens, 8X Digital Zoom, 4.5X Optical Zoom, Two-Way Audio
- Power over Ethernet, SD Card, IP68 [Waterproof], Junction Box Built-In
- Completing your installations quickly, it's a Snap!

IP - CAMERAS (MEGAPIXEL)

2.1 MEGApixel Snapit Vandal Dome Camera (ONVIF)

DWD-MV421D - White **DWD-MV421DB** - Black

- 2.1MP (1080P), Day/Night
- 1/2.8" CMOS Sensor [7% larger than 1/3" Sensor], Wide Dynamic Range
- 3.5-16mm Auto Focus Lens, 8X Digital Zoom, 4.5X Optical Zoom, 2-way Audio
- Power over Ethernet, SD Card, IP68 [Waterproof], Junction Box Built-in
- Completing your installation quickly, it's a Snap!

IP - RECORDING DEVICES & CONTROL EQUIPMENT

2.1 Megapixel PTZ Dome Camera (ONVIF)

DWD-MPTZ20X - 20X Optical Zoom **DWD-MPTZ20XFM** - 20X Optical Zoom, In-Ceiling/Flush Mount

- 1/2.8" CMOS Sensor, 4.7-94mm Varifocal Auto Iris Lens, Triple Codec, TDN
- 20X Optical Zoom with Auto Focus, 12X Digital Zoom, Multi-Streaming
- Pan 0-360° Endless, 360° Per Second Pan Speed, 3D DNR, WDR, 2-Way Audio
- 255 Presets, 4 Patterns, 8 Swings & Groups, Power over Ethernet & AC24V
- IP66 Certified (Weatherproof), Heater and Fan Built-in

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IP - RECORDING DEVICES & CONTROL EQUIPMENT

Blackjack Cube NVR Powered by DW Spectrum IPVMS

DWD-BJCUBE3T **DWD-BJCUBE6T**
DWD-BJCUBE9T - Cross-Platform NVR, OnVIF Conformantr

- Supports IP cameras and the complete VMAX DVR Series (Hybrid IP & Analog)
- Auto device detection and display, Records up to 64 2.1MP IP Cameras
- Windows 7 OS with local display, true HDMI output, 1080P Screen Recording
- Events and Alerts with e-mail notifications, Advanced PTZ Control
- One-time licensing charge

IP - RECORDING DEVICES & CONTROL EQUIPMENT

Blackjack Blade NVR Powered by DW Spectrum IPVMS

DWD-BJBLADE2T

- Enterprise level surveillance appliance, OnVIF
- Auto device detection and display, Records up to 16 2.1MP IP Cameras
- Simple Enterprise Scalability, Events and Alerts, HD1080P Screen Recording
- Cross Platform: Windows and Linux Supported, 2TB internal storage
- One-time licensing charge, fully transferable between cameras and encoder

IP - SOFTWARE

DW Spectrum Synergy Surveillance Software

DWD-SPECTRUMLSC001 - One-time licensing charge, fully transferabler **DWD-SPECTRUMLSC00** **DWD-SPECTRUMLSC01**
DWD-SPECTRUMLSC020 **DWD-SPVMAX004** **DWD-SPVMAX016** **DWD-SPENCODE4**

- Cross-Platform: Windows and Linux Supported, Simple Enterprise Scalability
- Graphical System Health Monitoring, 1080P Screen Recording, Panic Recording
- Automatic Device Discovery and Display, Fully Customizable Layouts
- Dual Stream Recording, Instant Motion-Based Smart Search
- Powerful Thumbnail Search and Calendar Search, Advanced Virtual PTZ Control
- Easy Drang-n-Drop Camera Management and Recording
- Seamless transition from Live to Recoded video, Rule-Based Events & Actions
- Hybrid System, converts DW's VMAX analog DVRs into advanced encoders
- Simplified display for Panoramic Cameras
- Compatible with Windows, Web, Android, Apple, and Linux Servers and Clients

Snapit PoE ONVIF
Mega Clarity, Mega Definition, Megapix
Image Quality Above the Rest
MEGAPIX
5436 W. Crenshaw St. Tampa, FL 33634 | PH: 866-446-3595 | sales@dwcc.tv | www.digital-watchdog.com

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DON'T LEAVE YOUR EQUIPMENT UNPROTECTED!

DITEK

VIDEO SURVEILLANCE - FIRE - ACCESS - INTRUSION - VOICE/DATA - POWER DITEKCORP.com

SURGE SUPPRESSORS

IP Video Surge Protection

DITEK

DYN-PVPIP - Individual IP Video Surge Protector

- One product protects power (2-pairs), data and video, RJ45 connections
- Gigabit Ethernet data speed conforms to EIA/TIA data transmission standards
- Second power protection circuit for heater, blower, defroster or PTZ motor
- Ideal for IP cameras or individual NVR/power supply feed

SURGE SUPPRESSORS

IP Video Surge Protection

DITEK

DYN-RM12C5RJ - Rackmount IP Video Surge Protector

- Protects CAT5e data lines, 12-port, 1U rackmount system
- Gigabit Ethernet data speed conforms to EIA/TIA data transmission standards
- Individual field replaceable modules, RJ45 connections
- Reduces network equipment downtime and failure due to power surges

SURGE SUPPRESSORS

Power Over Ethernet (PoE) Surge Protector

DITEK

DYN-MRJPOE - Individual PoE Protection

- One product protects power, data and video circuits
- Gigabit Ethernet data speed complies with IEEE standards - PoE Plus Ready
- RJ45 connections with external grounding screw
- Ideal protection for PoE Cameras, DVR's, NVR's and access control systems

SURGE SUPPRESSORS

Power Over Ethernet (PoE) Surge Protector

DITEK

DYN-RM12POE - Rackmount PoE Surge Protector

- Protects power and data in a 12-port, 1U rackmount system
- Gigabit Ethernet data speed complies with IEEE standards - PoE Plus Ready
- Individual field replaceable modules, RJ45 connections
- Ideal for midspans, injectors, PoE Hubs, NVR's and VoIP systems

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DATA COMMUNICATIONS

8 Port Gigabit Unmanaged Switch with 4 PoE Ports

D-Link FOR BUSINESS

DLI-DGS1008P

- 8 Port Gigabit Unmanaged Desktop Switch
- 4 Ports of PoE (52 Watts of total Budget)
- Durable casing and wall mountable
- Limited LIFETIME WARRANTY

DATA COMMUNICATIONS

24-Port 10/100 Web Smart PoE Switch

D-Link FOR BUSINESS

DLI-DES121028P

- Web Smart Switch
- 24 Ethernet Ports, 2 Gig & 2 Combo SFP/Gig Ports
- 24 Ports of PoE (192 Watts of total Budget)
- Auto Surveillance VLan and Bandwidth Control
- Limited Lifetime Warranty

DATA COMMUNICATIONS

EasySmart 8-Port Gigabit PoE Switch

D-Link FOR BUSINESS

DLI-DGS110008P

- Easy Smart Switch
- 8 Gigabit Ports
- 8 Ports of PoE (60 Watts of total Budget)
- Limited Lifetime Warranty

DATA COMMUNICATIONS

SFP 1000Base-SX Multi-mode Fibre Transceiver

D-Link FOR BUSINESS

DLI-DEM311GT

- Gigabit SFP Transceiver
- Duplex Connector
- Max Distance 550M

DATA COMMUNICATIONS

ShareCenter Pro 1100, N-Series Network Storage

D-Link FOR BUSINESS

DLI-DNS110004

- Sharecenter Pro NAS
- 4 Bays/ w/o Hard Drives
- iSCSI, 2xGbE, 2xUSB, RAID 0/1/5/6
- 5 Year Warranty

DATA COMMUNICATIONS

ShareCenter Pro 1200, N-Series Network Storage

D-Link FOR BUSINESS

DLI-DNS120005

- Sharecenter Pro NAS
- 5 Bays/ w/o Hard Drives
- iSCSI, 2xGbE, 2xUSB, RAID 0/1/5/6/10
- 5 Year Warranty

DATA COMMUNICATIONS

28 Port PoE Gigabit Smart Switch

D-Link FOR BUSINESS

DLI-DES121028P

- Web Smart Switch
- 24 Gigabit Ports & 4 SFP Ports
- 24 Ports of PoE (185 Watts of total Budget)
- Limited Lifetime Warranty

DATA COMMUNICATIONS

10 Port Gig PoE Web Smart Switch +2 Combo SFP Port

D-Link FOR BUSINESS

DLI-DGS121010P

- 10 Port Gigabit PoE WebSmart Switch
- 10 Ports of PoE (78 Watts of total Budget)
- Auto Surveillance VLans
- Limited LIFETIME WARRANTY
- D-Link Green Technology with FANLESS design

DATA COMMUNICATIONS

8 Port Desktop Switch with 4 PoE Ports

D-Link FOR BUSINESS

DLI-DES1008PA

- Unmanaged Ethernet Switch
- 8 Ethernet Ports
- 4 Ports of PoE (56 Watts of total Budget)
- Limited Lifetime Warranty
- No networking cables required Quick, simple Plug-and-Play installation

DATA COMMUNICATIONS

24-Port PoE Gigabit SmartPro Switch, 4 SFP Ports

D-Link FOR BUSINESS

DLI-DGS150028P

- ProSmart Switch
- 24 Gigabit Ports & 4 SFP Ports
- Access Control List secures network
- 24 Ports of PoE (370 Watts of total Budget)
- Limited Lifetime Warranty

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Unified Wireless Dual-Band PoE Access Point

D-Link FOR BUSINESS

DLI-DWL6600AP

- Unified N Concurrent Dual Band AP
- Standalone / Controller-managed
- WiFi Speed of 300Mbps
- Limited Lifetime Warranty

Unified Wireless Controller with 6AP License

D-Link FOR BUSINESS

DLI-DWC1000

- Wireless Controller
- Cost-effective mobility solution for small to medium environments
- Support 6 AP, Upgradeable to 24 AP
- Limited Lifetime Warranty

AirPremier N Dual Band Exterior PoE Access Point

D-Link FOR BUSINESS

DLI-DAP3520

- Air Premier N Dual Band Outdoor AP
- Standalone Access Point
- WiFi Speed of 300Mbps
- Limited Lifetime Warranty

Wireless Services Router

D-Link FOR BUSINESS

DLI-DSR150N

- Wireless Services Router
- 8 Fast Ethernet Lan Ports
- 1 WAN/ VPN, and SSL

PoE
Make the Switch
Discover the Future with PoE.
Designed to boost your bottom line, D-Link keeps security simple.
Streamline your surveillance with flexibility, scalability and compatibility powering your business towards higher ROIs. Save time and money with D-Link as your single point of contact and discover true end-to-end expertise in IP surveillance.
With Power-over-Ethernet (PoE) enabled Smart Switches from D-Link, you can:
Provide Power and Data to PoE Devices with a Single LAN Cable
Remotely Turn On/Off PoE-Powered Equipment
Manage Power Features Through a Simple Web Interface
D-Link
FOR BUSINESS
FIND OUT HOW PoE CAN POWER YOUR BUSINESS.
Download "Get Smart with PoE" white paper now.
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TRI-ED

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IP - CAMERAS (MEGAPIXEL)

2 Megapixel HD Outdoor IR Network Camera

EVE-EZN3260 - 2Megapixel HD Outdoor IR/WDR Bullet Network Camera

- High performance noise filter improves image quality, Wide Dynamic Range
- Dual Codec for H.264 and M-JPEG
- Dual power capability PoE or 12VDC for flexible installation
- Provides True Day/Night functionality with automatic IR filter operation
- ONVIF/ PSIA compliant, IP66 rated and vandal resistant

IP - CAMERAS (MEGAPIXEL)

1.3 Megapixel HD Outdoor IR Network Camera

EVE-EZN3160 - 1.3 Megapixel HD Outdoor Bullet Style Camera

- High performance Noise Reduction Function, Wide Dynamic Range
- Dual Codec for H.264 and M-JPEG
- Built-in SDHC slot for a micro SDHC card enabling local storage
- Dual power capability PoE or 12VDC for flexible installation
- Provides True Day/Night functionality with automatic IR filter operation

IP - CAMERAS (MEGAPIXEL)

2 Megapixel Outdoor Day/Night IR Bullet Camera

EVE-EZN3240 - 2 MP H.264 / MJPEG Network Camera

- H.264 encoding/decoding at real-time HD resolution/ up to 1080p at 25 FPS
- 12VDC and PoE
- Smart Wizard settings for various event & scheduled recordings
- Built in heater and rated IP66
- BNC test monitor output for the convenience of quick focus and diagnostics

IP - CAMERAS (MEGAPIXEL)

3 Megapixel HD Outdoor IR Network Bullet

EVE-EZN3340 - 3 Megapixel HD Outdoor Network Bullet Camera

- High performance noise filter improves image quality
- Dual Codec for H.264 and M-JPEG
- Dual power capability PoE or 12VDC for flexible installation
- ONVIF/PSIA compliant
- Built-in micro SDHC slot for a SDHC card enabling local storage

IP - CAMERAS (MEGAPIXEL)

EDN Plus Series IP with IR Dome Cameras

EVE-EDN3160 - 1.3 Megapixel plus Wide Dynamic Dome
EVE-EDN3260 - 2 Megapixel plus Wide Dynamic Dome
EVE-EDN3340 - 3 Megapixel Dome Camera

- IR Day/Night, Auto Iris 3-9mm
- 3 Axis Dome
- Flush or Surface Mount Design
- Multi-Stream H.264 and M-JPEG

IP - CAMERAS (MEGAPIXEL)

EHN IP Plus Camera Series

EVE-EHN3160 - 1.3 Megapixel plus Wide Dynamic Dome
EVE-EHN3260 - 2 Megapixel plus Wide Dynamic Dome
EVE-EHN3340 - 3 Megapixel Dome Camera

- IR Day/Night, Auto Iris 2.8-10mm
- Vandal Resistant Housing
- IP66 Weather Resistant
- Multi-Stream H.264 and M-JPEG
- Supports micro SDHC for onboard event storage

IP - CAMERAS

Day/Night Outdoor IP PTZ Camera

EVE-EPN3600

- H.264/MPEG4/ MJPEG digital signal output with up to 30 FPS at full D1
- H.264/MPEG4/MJPEG output for simultaneous live monitoring & recording
- Supports 4 independent video streams providing different compression format
- Weather Resistant
- Smart Wizard settings for various event and scheduled recordings

IP - CAMERAS (MEGAPIXEL)

Nevio HD Box Camera

EVE-EAN3200 - 2 Megapixel Day/Night IP Box Camera

- H.264 encoding/decoding at real-time HD resolution up to 1080p at 25 FPS
- 2.0 Megapixel CMOS image sensor with full 1080p (1920 x 1080) resolution
- 12VDC and PoE IEEE 802.3af, Built-in SD memory card slot for local storage
- BNC test monitor output for convenience of quick focus and diagnostics
- Smart Wizard settings for various event and scheduled recordings

IP - CAMERAS

EPN4220 PLUS Day/Night IP PTZ

EVE-EPN4220 - Outdoor True Day Night IP PTZ
EVE-EPN4220I - Indoor True Day Night IP PTZ

- Low luminance for improved image quality at night
- Digital Slow Shutter and Motion Detection function
- Snap and Lock easy installation
- Outdoor model IP66 rated to withstand elements of outdoor conditions
- Indoor and Outdoor models come with power supply! UL listed

IP - CAMERAS (MEGAPIXEL)

EAN Series High Definition IP Megapixel Cameras

EVE-EAN3120 - 1.3 Megapixel + Wide Dynamic
EVE-EAN3220 - 2 Megapixel + Wide Dynamic
EVE-EAN3320 - 3 Megapixel

- Built in auto IR cut filter
- C/CS mount, adaptor included for C mount
- H.264/M-JPEG video compression
- ONVIF, PSIA supported
- Use indoors or outdoors with the appropriate housing and accessories

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EverFocus®

Your Safety, Our Focus

EverFocus IP Solutions

Complete IP Systems & Solutions Provider

Free & Easy IPSetup

We do all the work for you!

EverFocus will pre-configure for FREE!
Cameras, NVRs and POE Switch
Unpack the box and install the equipment!

Questions? sales@everfocus.com

EverFocus will help plan and design your systems

EverFocus®

CA: 626-844-8888 | NY: 631-436-5070 | sales@everfocus.com | www.everfocus.com

LENSES

Megapixel Lenses

EverFocus®

EVE-EFV2812DCMP - 2.8-12mm Megapixel auto iris lens
EVE-EFV410DCMP - 4.5-10mm 1/2" Megapixel auto iris lens
EVE-EFV880DCMP - 8-80mm 1/2" Megapixel auto iris lens

- Cover large areas with a single lens
- Zoom in with clarity
- Use with IP and HDcctv

LENSES

Megapixel Lenses

EverFocus®

EVE-EFVM0940DCIR - 9-40mm 1/2" Megapixel auto iris lens
EVE-EFVM1803DCIR - 1.8-3mm 1/2" Megapixel auto iris lens

- Virtual Pan/Tilt/Zoom
- Cover large areas with a single lens
- Zoom in with clarity
- Use with IP & HDcctv
- Without fish eye distortion

IP - RECORDING DEVICES & CONTROL EQUIPMENT

Commander 64 Channel NVR

EverFocus®

EVE-NVR4000 - Available in 4, 8, or 12 TB

- Compression supported: H.264/MJPEG/MPEG-4
- Live view 128 streams
- Supports E-map with device indicator
- SATA II removable HDD trays
- Video Analytics: general motion, signal loss, and alarm notification

IP - RECORDING DEVICES & CONTROL EQUIPMENT

Elite Expandable 4 Channel NVR

EverFocus®

EVE-NVR404

- Expand your system when ready from 4 to 8, 12, or 16 channels
- Hard Drive configurations available from 2, 4, 8, and 12 TB
- 4 HDD, Dual NIC
- Small compact space saving design

IP - RECORDING DEVICES & CONTROL EQUIPMENT

NVR Elite-C

EverFocus®

EVE-NVR202 - Mini NVR Available in 2, 4, 8, and 16 channels

- Supports megapixel camera recording and H.264 compression format
- Built in RAID 0,1 function NVR 202/204 RAID 0,1,5,10 function NVR 208/216
- Space saving with ultra compact design
- User friendly GUI with camera 'drag and drop' for setup and recording
- Supports 30+ brands of IP cameras and 900+ models

IP - RECORDING DEVICES & CONTROL EQUIPMENT

Full Size 8/16/32 Channel NVRs with 2TB/4TB storage

EverFocus®

EVE-ENVS800 - 8 channel **EVE-ENVS1600** - 16 channel
EVE-ENVS3200 - 32 channel

- Back-up video images to USB drives, CD/DVD or HDD, export to AVI/ASF format
- Smart detection on many types of camera, input, POS and system events
- Accept MPEG4/MJPEG/H.264 video formats
- Management of 32 or more channels from megapixel/IP cameras and video servers • 3GPP/PDA/Mobile Handy Viewer support

IP - RECORDING DEVICES & CONTROL EQUIPMENT

EVS200A Video Encoder

EverFocus®

EVE-EVS200A - 2 channel H.264 video encoder

- High quality H.264/MPEG-4/MJPEG multi-stream output
- Dual stream per channel for simultaneous live monitoring and recording
- Smart Wizard setting for varied event and scheduled recording
- Built-in SD memory card slot for local storage
- Space saving with ultra compact design

IP - RECORDING DEVICES & CONTROL EQUIPMENT

4 Channel H.264 Video Encoder

EverFocus®

EVE-EVS410

- High quality H.264/MJPEG
- Dual stream per channel for simultaneous live monitoring and recording
- Smart Wizard setting for varied event and scheduled recording
- Built-in SD memory card slot for local storage
- Space saving with ultra compact design

ACCESSORIES

8 Port Gigabit High Power Switch

EverFocus®

EVE-ESM308T000D

- PoE Managed Switch
- 8 UTP PoE ports plus

ACCESSORIES

16 Port Gigabit High Power Switch

EverFocus®

EVE-ESM316T002R

- PoE Managed Switch
- 16 UTP PoE ports plus

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exacqVision Video Management System (VMS) Software

Hybrid Servers

Utilize existing analog cameras and infrastructure and migrate to new IP technology with an exacqVision hybrid server. The EL-Series, ELX-Series, A-Series and Z-Series exacqVision hybrid servers allow you to connect both analog and IP cameras to the same server. These servers come pre-configured with exacqVision VMS software. Configure from 16 to 64 analog cameras per server along with 24 to 128 IP cameras per server.

IP Camera Servers

The exacqVision IP camera servers are pre-configured and built specifically for network video surveillance. Available in EL-Series, ELX-Series, A-Series and Z-Series with exacqVision VMS software pre-installed for easy, out-of-the-box deployment. These all-in-one solutions come with video recording, web/mobile client hosting and local live video display from the server. Configure up to 128 IP cameras per server. exacqVision IP camera servers are compatible with over 1,000 IP camera models.

Completely Scalable

The exacqVision solution is completely scalable, regardless of the type of server. Add unlimited cameras and servers to your system as needed for greater capacity or dispersed geographic location.

Cross-Platform VMS Software and Free Mobile App

The powerful, easy-to-use exacqVision VMS software is available for exacqVision hybrid and IP servers, commercial off-the-shelf servers or exacqVision Edge compatible IP cameras. The freely distributed client software operates on Windows, Linux and Mac systems. Download the free exacq Mobile app on iPhone, iPad and Android devices. Both server and client software are free to an unlimited number of users. For ease of installation, camera licenses are assigned to the MAC address of the server and not the MAC address of the camera.

3-Year Warranty and Software Subscription Agreement (SSA)

Each exacqVision server comes with a three-year warranty and includes three years of software upgrades. Update client, server and web server software with the latest exacqVision software features at no additional cost during the 3-year SSA period.

exacqVision

Understanding exacqVision Product Part Numbers

(Please refer to the exacqVision Product Catalog online at www.exacq.com/catalog for actual, current part numbers)

exacqVision hybrid servers (analog & ip cameras)

1608	48	2000	R4	RAID	L
Number of inputs included	Images per second for analog inputs	HD storage	Chassis style & size	RAID configuration	
Input Variants	**FPS Variants**	**HD Variants**	**Chassis Variants**	**RAID Variants**	
0800 = 8 analog*/ 0 IP** 0804 = 8 analog*/ 4 IP** 1600 = 16 analog* / 0 IP** 1608 = 16 analog*/ 8 IP** 3208 = 32 analog* / 8 IP** 4808 = 48 analog* / 8 IP** 6408 = 64 analog* / 8 IP** * Analog inputs are determined by the video capture card and only apply to hybrid servers. ** Some systems come with IP inputs included. However, they can all be expanded or added later.	24 = 240 ips 48 = 480 ips 96 = 960 ips 144 = 1440 ips 192 = 1920 ips	0500 = 500 GB 1000 = 1000 GB 2000 = 2000 GB 3000 = 3000 GB 4000 = 4000 GB 6000 = 6000 GB 8000 = 8000 GB 010T = 10 TB 012T = 12 TB 014T = 14 TB 016T = 16 TB 20 TB = 20 TB 24TB = 24 TB 28TB = 28 TB 32TB = 32 TB 36TB = 36 TB 40TB = 40 TB 48TB = 48 TB 56TB = 56TB 64TB=64TB 72TB=72TB 80TB=80TB	DT = Desktop HDSD = Desktop HD-SDI ELS = 1.5U EL-S ELXS = 1.5 U ELX-S EL SR = 1.5U EL-SR ELXSR = 1.5U ELX-SR R2 = 2U Rackmount (A) R2HZ = 2U Rackmount (Z) R4 = 4U Rackmount R4HZ = 4U Rackmount (Z)	RAID = RAID 5 or RAID 6 (Blank if no RAID) NOTE: RAID configurations will affect the available storage on the server. A-Series is always RAID 5. Z-Series 4U hybrids use RAID 6. **LINUX OPTION** L = Linux OS. Only listed if Linux is an option. Linux is standard on all EL-Series and ELX-Series Servers.	

NOTE: FOR EL-SERIES AND ELX-SERIES HYBRID SERVERS WITH START SOFTWARE, THE WORD, "START" WILL GO HERE BETWEEN IMAGES PER SECOND AND HD STORAGE

exacqVision ip camera servers

IPS	2000	R4	RAID5	L
IP Camera Server (no analog inputs)	HD storage	Chassis style & size	RAID configuration	
IP Server Variants	**HD Variants**	**Chassis Variants**	**RAID Variants**	
IPS = IP Camera Server IPZ08 = Z-Series IP Camera Server with 8 IP licenses included. IP Camera licenses are purchased separately at any time.	0500 = 500 GB 1000 = 1000 GB 2000 = 2000 GB 3000 = 3000 GB 4000 = 4000 GB 6000 = 6000 GB 8000 / 08TB = 8 TB 010T = 10 TB 012T / 12TB = 12 TB 014T = 14 TB 016T / 16TB = 16 TB 20TB = 20TB 24TB = 24TB 28TB = 28TB 32TB = 32TB 36TB = 36TB 40TB = 40TB 48TB = 48TB 56TB = 56TB 64TB = 64TB 72TB = 72TB 80TB = 80TB	DT = Compact Desktop ELT - EL "Toaster" ELM = 1.5U EL Mini ELXM = 1.5U ELX Mini ELIP = 1.5U EL-IP ELXIP = 1.5U ELX-IP R2 = 2U Rackmount R3 = 3U Rackmount R4 = 4U Rackmount	RAID = RAID 5 or RAID 6 (Blank if no RAID) NOTE: RAID configurations will affect the available storage on the server. A-Series is always RAID 5. Z-Series 2U IP Camera Servers use RAID 5. Z-Series 3U and 4U IP Camera Servers use RAID 6. **LINUX OPTION** L = Linux OS. Only listed if Linux is an option. Linux is standard on all EL-Series and ELX-Series Servers.	

EVIP	01
exacqVision IP Camera License	Number of Camera Licenses
Camera License Variants	**Number of Licenses**
EVIP = exacqVision Pro IP Camera License START = exacqVision Start IP Camera License EVES = exacqVision Enterprise Server Option (per server) EHM-01 = Enterprise Health Monitor for exacqVision EV-EDGE-01 = exacqVision Edge license Licenses can be added to ANY exacqVision server, depending on the maximum number of IP inputs per server.	01 - XXXXXX = number of licenses to purchase. NOTE: All A and Z-Series Hybrids include 4 or 8 Pro IP licenses. Additional licenses are ordered separately and are delivered electronically.

GeoVision
The Vision of Security

www.geovision.com.tw
www.usavisionsys.com

GV-FER521

5MP H.264 Fisheye Rugged IP Camera

- Ingress protection (IP66)
- Vandal resistance (IK10)
- Digital Object Tracking
- Wide Dynamic Range (WDR)
- Provides 360 and 180 degrees panorama view

GV-BL5310

5MP H.264 2x Zoom WDR Pro IR Bullet IP Camera

- IntelligentIR
- Ingress protection (IP67)
- Vandal resistance (IK10)
- WDR Pro
- Motorized varifocal lens for remote focus/zoom adjustment

GV-MDR520

5MP H.264 Mini Fixed Dome

- Ingress protection (IP67)
- Vandal resistance (IK10)
- Wide Dynamic Range (WDR)
- 3-axis mechanism (pan / tilt/ roll)
- Built-in microphonem

GV-NVR System Lite V2

Mini NVR system

- Compact and sleek
- Up to 16 channels
- Support for 3rd party IP cameras
- All-in-one solution
- GPU decoding and dewarping

GV-AS810

Access Controller

- Suitable for door, parking and elevator access control
- Built-in 16 inputs and 24 relay outputs
- One-way control: 8 doors
- Two-way control:
  4 doors by Wiegand,
  8 doors by Wiegand and RS-485

GV-POE0801

8 port PoE Switch

- Up to 8 GV-IP Cameras support
- Web-based Configuration and Management
- Max. 130 W power consumption
- IEEE 802.3at Compliant (8 Ports at Full 15.4 W)

IP - CAMERAS

1.3 MP Day/Night Outdoor Mini Dome – Pro Series

HIKVISION

HIK-DS2CD7164E

- 1.3MP/720p, H264
- 4mm lens (2.8mm, 6mm, 8mm optional)
- Elec. Day/Night, BLC
- IP66, PoE/12VDC
- No charge VMS (iVMS-4200)

IP - CAMERAS (MEGAPIXEL)

Megapixel PoE Box Cameras – Pro Series

HIKVISION

HIK-DS2CD883FE HIK-DS2CD853F

- 5MP and 2MP, H264
- Day/Night, PoE/12VDC
- No charge VMS (iVMS-4200)
- Lens sold separately

IP - CAMERAS (MEGAPIXEL)

1.3 MP D/N Outdoor Bullet Camera – Value Series

HIKVISION

HIK-DS2CD2012I

- 1.3MP/720p, H264
- 4mm lens (6mm, 12mm optional)
- Day/Night, IR up to 90ft
- IP66, PoE/12VDC
- No charge VMS (iVMS-4200)

IP - CAMERAS (MEGAPIXEL)

1.3 MP D/N Outdoor Dome Camera – Value Series

HIKVISION

HIK-DS2CD2112I

- 1.3MP/720p, H264
- 4mm lens (2.8mm, 6mm, 12mm optional)
- Day/Night, IR up to 90ft
- IP66, PoE/12VDC
- No charge VMS (iVMS-4200)

IP - CAMERAS (MEGAPIXEL)

5.0 MP 360 Degree Indoor Dome – Pro Series

HIKVISION

HIK-DS2CD783FEPB

- 5MP, H264, 360 Degree Panoramic
- Elec. Day/Night, PoE/12VDC
- Image Dewarping, 8 Selectable Zoom Windows
- No charge VMS (iVMS-4200)

IP - CAMERAS (MEGAPIXEL)

2.0 MP Day/Night Outdoor Mini Dome – Pro Series

HIKVISION

HIK-DS2CD7153E

- 2MP, H264
- 4mm lens (2.8mm, 6mm, 8mm optional)
- Elec. Day/Night
- IP66, PoE/12VDC
- No charge VMS (iVMS-4200)

IP - CAMERAS (MEGAPIXEL)

3.0 MP Day/Night WDR Indoor Dome – Pro Series

HIKVISION

HIK-DS2CD754FWDEI HIK-DS2CD754FWDEZ

- 3MP/1080p, H264
- 2.7-9mm, Motorized Zoom/Focus
- Elec. Day/Night, WDR, PoE/12VDC (EZ version)
- True Day/Night, WDR, IR up to 60ft (EIZ version)
- No charge VMS (iVMS-4200)

IP - CAMERAS (MEGAPIXEL)

2.0 MP Day/Night Outdoor Dome Camera – Pro Series

HIKVISION

HIK-DS2CD7253FEIZ HIK-DS2CD7253FEIZH

- 2MP, H264, 2.7-9mm, Motorized Zoom/Focus
- Day/Night, IR up to 90ft
- IP66, PoE/24VAC
- Heater Option (EIZH) PoE+/24VAC
- No charge VMS (iVMS-4200)

IP - CAMERAS (MEGAPIXEL)

5.0 MP Day/Night Outdoor Dome Camera – Pro Series

HIKVISION

HIK-DS2CD7283FEIZ HIK-DS2CD7283FEIZH

- 5MP, H264, 3.5-9mm, Motorized Zoom/Focus
- Day/Night, IR up to 90ft
- IP66, PoE/24VAC
- Heater Option (EIZH) PoE+/24VAC
- No charge VMS (iVMS-4200)

IP - CAMERAS (MEGAPIXEL)

1.3 MP Day/Night Indoor Dome Camera – Pro Series

HIKVISION

HIK-DS2CD764FWDE HIK-DS2CD764FWDEIZ

- 1.3MP/720p, H264, 2.7-9mm
- Motorized Zoom/Focus (EZ and EIZ versions)
- WDR with Elec. or True Day/Night versions
- IR up to 60ft with True Day/Night (EIZ version)
- PoE/12VDC, No charge VMS (iVMS-4200)

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IP - CAMERAS (MEGAPIXEL)

1.3 MP Outdoor PoE Bullet Camera – Pro Series

HIKVISION

HIK-DS2CD8264FWDEIZ

- 1.3MP/720p, H264
- 2.7-9mm, Motorized Zoom/Focus
- Day/Night, WDR, IR up to 90ft
- IP66, PoE/12VDC
- No charge VMS (iVMS-4200)

IP - CAMERAS (MEGAPIXEL)

2.0 MP Outdoor PoE Bullet Camera – Pro Series

HIKVISION

HIK-DS2CD8253FEIZ

- 2MP, H264, 2.7-9mm
- Motorized Zoom/Focus
- Day/Night, IR up tom 90ft
- IP66, PoE/12VDC
- No charge VMS (iVMS-4200)

IP - CAMERAS (MEGAPIXEL)

3.0 MP Outdoor PoE Bullet Camera – Pro Series

HIKVISION

HIK-DS2CD8254FWDEIZ

- 3MP/1080p, H264
- 2.7-9mm, Motorized Zoom/Focus
- Day/Night, WDR, IR up to 90ft
- IP66, PoE/12VDC
- No charge VMS (iVMS-4200)

IP - CAMERAS (MEGAPIXEL)

1.3 MP/720p Outdoor PTZ Speed Dome – Pro Series

HIKVISION

HIK-DS2DF157AE

- 1.3MP/720P, H264, High Speed PTZ
- 18X Optical Zoom, Day/Night
- IP66, Heater, PoE+/24VAC
- No charge VMS (iVMS-4200)

IP - CAMERAS (MEGAPIXEL)

1.3 MP Outdoor PTZ IR Speed Dome – Pro Series

HIKVISION

HIK-DS2DF177A

- 1.3Mp/720P, H264, PTZ
- 18X Optical Zoom, Day/Night
- Integrated Smart IR up to 240ft
- IP66, Heater, 24VAC
- No charge VMS (iVMS-4200)

IP - RECORDING DEVICES & CONTROL EQUIPMENT

4-Channel Network Video Recorder with PoE

HIKVISION

HIK-DS7604NISEP

- Integrated 4-port 802.3af PoE
- H264, up to 5MP, HDMI, 2-SATA
- Field installable HDD's sold separately
- No charge VMS (iVMS-4200)
- Free DDNS Service & Mobile App's

IP - RECORDING DEVICES & CONTROL EQUIPMENT

8-Channel Network Video Recorder with PoE

HIKVISION

HIK-DS7608NISE8P

- Integrated 8-port 802.3af PoE
- H264, up to 5MP, HDMI, 2-SATA
- Field installable HDD's sold separately
- No charge VMS (iVMS-4200)
- Free DDNS Service & Mobile App's

IP - RECORDING DEVICES & CONTROL EQUIPMENT

16-Channel Hybrid Digital Video Recorder

HIKVISION

HIK-DS9016HFISH

- 16-Channel IP + 16-Channel Analog
- H264, up to 5MP, HDMI, 8-SATA
- Field installable HDD's sold separately
- No charge VMS (iVMS-4200)
- Free DDNS Service & Mobile App's

IP - RECORDING DEVICES & CONTROL EQUIPMENT

32-Channel Network Video Recorder with RAID option

HIKVISION

HIK-DS9632NIST HIK-DS9632NIRT

- 32-Channel, H264, up to 5MP
- HDMI, 8-SATA, (RT version with RAID 0,1,5,10)
- Field installable HDD's sold separate
- No charge VMS (iVMS-4200)
- Free DDNS Service & Mobile App's

IP - RECORDING DEVICES & CONTROL EQUIPMENT

64-Channel Network Video Recorder with RAID option

HIKVISION

HIK-DS9664NIST HIK-DS9664NIRT

- 64-Channel, H264, up to 5MP
- HDMI, 8-SATA, (RT version with RAID 0,1, 5,10)
- Field installable HDD's sold separate
- No charge VMS (iVMS-4200)
- Free DDNS Service & Mobile App's

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DATA COMMUNICATIONS

High Density (HD) Modular Connectors

ICC-IC1078F6XX* - CAT 6
ICC-IC107F6CXX** - CAT 6, 25-PK
ICC-IC1078F5XX* - CAT 5e
ICC-IC107F5CXX** - CAT 5e, 25-PK
ICC-IC1076F0XX* - Voice
ICC-IC1076FCWH - Voice, 25-PK

• 8P8C, RJ-45, rear spilt back IDC

*Colours (xx) = WH, BL, IV, OR, RD, BK, GY, YL, AL, GN, PR
**Colours (xx) = WH, BL, IV, OR, RD, BK

DATA COMMUNICATIONS

EZ® Modular Connectors

ICC-IC1078L6XX* - CAT 6
ICC-IC107L6CXX** - CAT 6, 25-PK
ICC-IC1078E5XX* - CAT 5e
ICC-IC107E5CXX** - CAT 5e, 25-PK
ICC-IC1076V0XX* - Voice
ICC-IC1076VCWH - Voice, 25-PK

• 8P8C, RJ-45, pair-to-pair wiring

*Colours (xx) = WH, BL, IV, OR, RD, BK, GY, YL, AL, GN, PR
**Colours (xx) = WH, BL, IV, OR, RD, BK

DATA COMMUNICATIONS

CAT 6 & CAT 5e Patch Panels

ICC-ICMPP02460 - CAT 6, 24-Port, 1 RMS*
ICC-ICMPP04860 - CAT 6, 48-Port, 2 RMS*
ICC-ICMPP0245E - CAT 5e, 24-Port, 1 RMS*
ICC-ICMPP0485E - CAT 5e, 48-Port, 2 RMS*

• RJ-45, 8P8C, T568A/B wiring, 19" width, rear 110-Type IDC

*RMS = Rack Mount Space

DATA COMMUNICATIONS

CAT 6 & CAT 5e Vertical Patch Panels

ICC-ICMPP12V60 - CAT 6, 12-Port
ICC-ICMPP12V5E - CAT 5e, 12-Port

• RJ-45, 8P8C, T568A/B wiring
• Rear 110-Type IDC
• Designed to mount onto a wall

DATA COMMUNICATIONS

Configurable Faceplates

ICC-IC107F01XX* - 1 Port, Single Gang
ICC-IC107F02XX* - 2 Ports, Single Gang
ICC-IC107F03XX* - 3 Ports, Single Gang
ICC-IC107F04XX* - 4 Ports, Single Gang
ICC-IC107F06XX* - 6 Ports, Single Gang

*Colours (xx) = WH-White, IV-Ivory, BK-Black,

DATA COMMUNICATIONS

CAT 6 & CAT 5e Patch Cords

ICC-ICPCSKZZXX* - US CAT 6 Patch Cord
ICC-ICPCSJZZXX* - US CAT 5e Patch Cord

• Exceeds ANSI/TIA-568 performance standards
• Slim boots ideal for narrow port spacing
• 50 micro-inch gold plated contacts

*Lengths (zz) = 01, 03, 05, 07, 10, 14, 25 feet
*Colours (xx) = WH, BL, OR, RD, BK, GY, YL, GN

DATA COMMUNICATIONS

14" Residential Combo Enclosure

ICC-ICRESDC14K - 14" Combo

• Tough 20 gauge steel
• Reversible hinged door
• Stud mount
• Modules are included:
  - 8-Port voice
  - 8-Port CAT 6 data
  - 1x6 2GHz video

DATA COMMUNICATIONS

9" Residential Combo Enclosure

ICC-ICRESDC9K - 9" Combo

• Tough ABS plastic
• Surface or stud mount
• Modules are included:
  - 8-Port voice
  - 8-Port CAT 6 data
  - 1x6 2GHz video

DATA COMMUNICATIONS

Hinged Wall Mount Brackets

ICC-ICCMSHB1RS - 10lb Capacity, 1 RMS*
ICC-ICCMSHB2RS - 20lb Capacity, 2 RMS*
ICC-ICCMSHB4RS - 40lb Capacity, 4 RMS*

• 19" width, 6" depth
• Steel frame

* RMS = Rack Mount Space

DATA COMMUNICATIONS

Fixed Open Frame Wall Mount Racks

ICC-ICCMSWMR08 - 8 RMS*
ICC-ICCMSWMR15 - 15 RMS*
ICC-ICCMSWMR30 - 30 RMS*

• 19" width, 18" depth
• Light-weight steel frame

*RMS = Rack Mount Space

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ILLUMINATORS

IR148 PoE Series IR Illuminator

iluminar

ILU-IR148POE - Short-Range PoE IR Illuminator

- Distances up to 115' (35m)
- Angles 10°, 30°, 60°, 100° & 120°
- 850nm Wavelength
- 5 year warranty
- IP67 weatherproof rating

ILLUMINATORS

IR312 PoE Series IR Illuminator

iluminar

ILU-IR312POE - Medium-Range PoE IR Illuminator

- Distances up to 312' (95m)
- Angles 10°, 30°, 60°, 100° & 120°
- 850nm or 940nm Wavelengths
- 5 year warranty
- IP67 weatherproof rating

ILLUMINATORS

IR919 Series IR Illuminator

iluminar

ILU-IR919 - Super-Long-Range PoE IR Illuminator

- Distances up to 919' (280m)
- Angles 10°, 30°, 60°, 100° & 120°
- 850nm or 940nm Wavelengths
- 5 year warranty
- IP67 weatherproof rating

ILLUMINATORS

WL105 PoE Series White Light Illuminator

iluminar

ILU-WL105POE - Short-Range PoE White Light illuminator

- Distances up to 82' (25m)
- Angles 10°, 30°, 60°, 100° & 120°
- SMT LED technology
- 5 year warranty
- IP67 weatherproof rating

ILLUMINATORS

WL220 PoE Series White Light Illuminator

iluminar

ILU-WL220POE - Medium-Range PoE White Light illuminator

- Distances up to 220' (67m)
- Angles 10°, 30°, 60°, 100° & 120°
- SMT LED technology
- 5 year warranty
- IP67 weatherproof rating

ILLUMINATORS

WL643 Series White Light Illuminator

iluminar

ILU-WL643 - Super Long-Range White Light illuminator

- Distances up to 643' (196m)
- Angles 10°, 30°, 60°, 100° & 120°
- SMT LED technology
- 5 year warranty
- IP67 weatherproof rating

SPECIALTY CAMERA

LPRS-32 Series License Plate Recognition Camera

iluminar

ILU-LPRS32 - Short-Range License Plate Recognition Camera

- Capture range up to 32' (10m)
- No sunlight or headlight glare
- No motion blur
- 2 year warranty
- IP67 rated

SPECIALTY CAMERA

LPRS-60 Series License Plate Recognition Camera

iluminar

ILU-LPRS60 - Short-Range License Plate Recognition Camera

- Capture range up to 60' (18m)
- No sunlight or headlight glare
- No motion blur
- 2 year warranty
- IP67 rated

iluminar

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IP - CAMERAS (MEGAPIXEL)

TruVision™ Line IP Open Standards Dome Cameras

GEC-TVDN210V2N - VGA IP Open STD, 1/4" CCD
GEC-TVDM2210V2N - 2.0MPx Open STD, Progressive scan CMOS indoor
GEC-TVDM1225V2N - 1.3MPx Open STD, Progressive scan CCD Indoor
GEC-TVDM3210V4N - 3.0MPx Open STD, Progressive scan CMOS Indoor
GEC-TVDM5225V4N - 5.0MPx Open STD, Progressive scan CMOS Indoor
GEC-TVDN210W4N - VGA IP Open STD, Prog. scan CMOS Low-profile mini
GEC-TVDM2210W4N -2.0MPx Open STD, Prog. scan CMOS Low-profile mini
GEC-TVDM1210V2N - 1.3MPx Open STD, Progressive scan CCD Indoor
GEC-TVDN245V2N - 4CIF WDR IP Open STD, CCD Indoor vandal dome
GEC-TVDM2225V2N - 2.0MPx Open STD, Progressive scan CMOS Indoor
GEC-TVDM3225V4N - 3.0MPx Open STD, Progressive scan CMOS Indoor

- Range of resolutions including Standard, 1.3MPx, 2MPx, 3MPx and 5MPx imager
- Designed to PSIA and ONVIF open standards
- H.264 compression technology with dual-streaming capability
- Edge recording supports up to 32GB SDHC card for audio/ video playback
- Vandal-resistant housings & polycarbonate bubbles provide extra protection

IP - CAMERAS (MEGAPIXEL)

TruVision Open Standards Outdoor IP Cameras

GEC-TVCN225E2MN - VGA Bullet
GEC-TVDN225E2MN - VGA Dome
GEC-TVCM1245E2MN - 1.3MPx WDR Bullet
GEC-TVDM1245E2MN - 1.3MPx WDR

- VGA, 1.3, 3 and 5 MPx resolution options
- Motorized varifocal lens technology provides remote autofocus
- Designed to PSIA and ONVIF open standards
- 1.3 and 3 MPx models feature WDR & real-time video streaming up to 1080p resolution
- H.264 compression technology with dual-streaming capability

IP - CAMERAS (MEGAPIXEL)

UltraView™ IP XP4 Series Dome Cameras

GEC-UVDIPXP4DNRVA2 - 2.8mm-10.0mm, NTSC
GEC-UVDIPXP4DNRVA9 - 9.0mm-22.0mm, NTSC

- WDR up to 120dB
- Excellent performance in almost any lighting condition
- True day/night (removable IR cut filter)
- IR-corrected varifocal lenses
- Standard BNC and UTP connections

IP - CAMERAS

UltraView IP PTZ Dome Camera

GEC-UVPN120P36XN - Wall-Mount
GEC-UVPN120S36XN - Surface Mount
GEC-UVPN120F36XN - Flush Mount

- 1/4" progressive scan WDR CCD
- 4CIF Resolution at up to 30fps
- Compatible with existing Cyberdome/ Legend GEA Series mounts
- Open standards (ONVIF, PSIA) compliant
- Supports micro SD card for edge storage

IP - RECORDING DEVICES & CONTROL EQUIPMENT

TruVision TVE Series Encoder

GEC-TVE400 - 4-channel analog to IP
GEC-TVE800 - 8-channel analog to IP
GEC-TVE1600 - 16-channel analog to IP

- 4-, 8- and 16-channel encoders
- H.264 compression
- Real-time 4CIF on al channels
- Compliant to ONVIF/PSIA/CGI

IP - RECORDING DEVICES & CONTROL EQUIPMENT

TruVision Line DVR 60 (TVR 60) 16 Channel, Hybrid, DVD/CD

GEC-TVR60162T - 2TB storage **GEC-TVR60164T** - 4TB storage
GEC-TVR60168T - 8TB storage **GEC-TVR601612T** - 12TB storage

- Real-time recording at up to 4CIF on all channels
- H.264 compression and dual streaming on live video
- Records up to 16 IP camera streams and HD IP streams
- Up to 12TB internal JBOD storage for redundant and flexible storage options
- Fully integrates with TruVision Navigator software and TruVision Mobile App

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IP - RECORDING DEVICES & CONTROL EQUIPMENT

TruVision NVR 21 Network Video Recorders - 8 or 16 Channels

GEC-TVN21082T - 8 ch, 2 TB Storage
GEC-TVN21088T - 8 ch, 8 TB Storage
GEC-TVN21164T - 16 ch, 4 TB Storage
GEC-TVN-21084T - 8 ch, 4 TB Storage
GEC-TVN21162T - 16 ch, 2 TB Storage
GEC-TVN21168T - 16 ch, 8 TB Storage

- Plug-N-Play video storage device
- Supports up to 8/16 cameras at HD real-time resolution
- Supports IP cameras up to 5 Megapixel
- Up to 8TB internal storage
- Compatible with TruVision™ Navigator software and TruVision Mobile app

IP - RECORDING DEVICES & CONTROL EQUIPMENT

TruVision NVR 50 Network Video Recorders, 32 Channels

GEC-TVN50324T - 4 TB storage
GEC-TVN503212T - 12 TB storage
GEC-TVN50328T - 8 TB storage
GEC-TVN503216T - 16 TB storage

- Plug-N-Play video storage device
- Supports up to 32 cameras at 4 CIF real-time resolution
- Supports IP cameras up to 5 Megapixel
- Up to 16TB internal storage
- Compatible with TruVision™ Navigator software and TruVision Mobile

IP - POWER OVER ETHERNET

IFS Gigabit Ethernet (PoE) Network Switch

GEC-NS360124P4S

- 24-Ports 10/100/1000Base-T Gigabit Ethernet RJ-45 with IEEE 802.3af PoE
- 4 SFP/mini-GBIC slots shared with Ports 21 to 24
- 2 HDMI-like 10Gbps (full-duplex) stacking ports
- RS-232 DB9 console interface for basic switch management and setup
- 24 SFP/mini-GBIC slots-comp. w/ 1000Base-SX/LX/BX & 100Base-FX SFP trans.

IP - TRANSMISSION

IFS Gigabit Fiber Ethernet Network Switch

GEC-GEDSSG244

- 24 SFP/mini-GBIC slots-compatible with 1000Base-SX/LX/BX and 100Base-FX SFP
- 8-ports 10/100/1000Base-T RJ-45 copper, shared with ports 1 to 8
- 2 HDMI-like 10Gbps (full-duplex) stacking ports
- RS-232 DB9 console interface for basic switch management and setup

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IP - TRANSMISSION

IFS PoE-at (30.4w) Gigabit Power Over Internet Injector

GEC-POE302SP GEC-POE302MS

- Store-and-Forward switching architecture with wire-speed filtering
- Integrated address-lookup engine supports 2K absolute MAC addresses
- CSMA/CD Protocol
- Automatic source-address learning and aging

IP - TRANSMISSION

IFS PoE-af (15.4w) Fiber to Ethernet Media Converter with PoE

GEC-POESP GEC-POEMS
GEC-POE201EX GEC-MC100FXTXPOE

- Ethernet: 10/100 Base-TX
- Complies with IEEE 802.3, IEEE 802.3u
- Auto-negotiation and MDI/MDI-X
- 10/100Base-TX: 2-pair Cat. 3/4/5 UTP cable, up to 100 meters
- SFP (Mini-GBIC) Port: IEEE 802.3u 100Base-FX standardMCR205-1T/1S

IP - TRANSMISSION

IFS Ethernet over Fiber (PoE)

GEC-MC2011P1FS GEC-MC2514P1S
GEC-MC3521P1S

- Store-and-Forward switching architecture with wire-speed filtering
- Integrated address-lookup engine supports 2K absolute MAC addresses
- CSMA/CD Protocol
- Automatic source-address learning and aging

IP - TRANSMISSION

IFS Ethernet over Fiber

GEC-MCR2051T1S GEC-MCR3001T1S
GEC-MC2501T1S GEC-MC3551T1S

- Ethernet: 10/100 Base-TX
- Complies with IEEE 802.3, IEEE 802.3u
- Auto-negotiation and MDI/MDI-X
- 10/100Base-TX: 2-pair Cat. 3/4/5 UTP cable, up to 100 meters
- SFP (Mini-GBIC) Port: IEEE 802.3u 100Base-FX standardMCR205-1T/1S

IP - TRANSMISSION

IFS Ethernet over Coax (PoE)

GEC-MC2514P1CXT

- Cost-effective VDSL2 CO/CPE bridge solution
- One-box design, CO/CPE selectable via DIP-switch
- Selectable target data rate and target SNR margin
- Discrete Multi-Tone (DMT) line coding
- 10/100Mbps Ethernet

IP - TRANSMISSION

IFS Ethernet over Coax

GEC-MCR2001T1CX GEC-MC2004T1CXT

- Cost-effective VDSL2 CO/CPE bridge solution
- One-box design, CO/CPE selectable via DIP-switch
- 10/100Mbps Ethernet
- Auto-negotiation and auto-MDI/MDI-X
- Plug-and-play installation

IP - TRANSMISSION

IFS Industrial Fast Ethernet

GEC-GEDSH73 GEC-GEDSH82
GEC-GEDSH82POE GEC-NS20514P1T

- 4-Port 10/100Base-TX (PoE)
- 1-Port 10/100Base-TX (non-PoE)
- Auto MDI/MDI-X
- Auto-negotiation
- Unmanaged plug and play installation requiring no programming

IP - TRANSMISSION

IFS Industrial Gigabit Ethernet

GEC-NSS255024T4S

- 24-Ports RJ-45 10/100/1000Base-T
- 4 SFP/mini-GBIC slots shared with Ports 21 to 24
- RS-232 DB9 console interface for basic switch management and setup
- Complies with the IEEE 802.3, IEEE 802.3u, IEEE 802.3ab, IEEE 802.3z standard

IP - TRANSMISSION

IFS Fast Ethernet (PoE+)

GEC-NS25038P2C
GES-NS250324P2C

- 8-Port 10/100Base-TX RJ-45 with PoE (NS2503-8P/2C)
- 24-Port 10/100Base-TX RJ-45 with PoE (NS2503-24P/2C)
- 2-Uplink Gigabit TP/SFP combo ports
- 1 RS-232 male DB9 console port
- Auto-MDI/MDI-X detection and Auto-negotiation

IP - TRANSMISSION

IFS Fast Ethernet (PoE)

GEC-GEDS82 GEC-GEDS82POE
GES-GEDS242POE

- 8-Port 10/100Base-TX RJ-45 (GE-DS-82) with PoE (GE-DS-82-PoE)
- 24-Port 10/100Base-TX RJ-45 with PoE Injector
- 2-Uplink Gigabit TP/SFP combo ports
- 1 RS-232 male DB9 console port
- Auto-MDI/MDI-X detection

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7 Series HD720p, H.264 Camera, Remote Focus

IQ inVision

IQE-IQ761NI - HD720p
IQE-IQ762NI - HD1080p
IQE-IQ763NI - 3.6 MP
IQE-IQ765NI - 5 MP

- H.264 Main Profile + MJPEG Compression
- 60 fps @ HD720p, 30 fps @ HD1080p, 10 fps @ 5 MP
- Day/Night Movable IR Filter
- Direct-to-Storage (DTS) and On-Camera Storage Capabilities
- ONVIF and PSIA Compliant

Alliance-pro Series H.264 Day/ Night Vandal Dome Cameras

IQ inVision

IQE-IQA30NE - SD480p
IQE-IQA31NE - HD720p
IQE-IQA32NE - HD1080p
IQE-IQA33NE - 3.6 MP
IQE-IQA35NE - 5 MP

- H.264 Main Profile + MJPEG Compression
- 60 fps @ HD720p, 30 fps @ SD480p and HD1080p, 10 fps @ 5 MP
- Auto Zoom/Focus Lens Option
- Indoor / Outdoor Vandal Resistant Dome
- ONVIF and PSIA Compliant

IQ inVision

Full-featured Megapixel Cameras

› Resolutions up to 5 MP
› H.264 Main profile + MJPEG Compression
› 60 fps @ 720p, 30 fps @ 1080p, 10 fps @ 5 MP
› WDR Models Available
› Continuous Analog Video Output
› Two-Way Audio

› Day/Night Movable IR Filter
› exacqVision® Edge Compatible
› On-Camera Storage
› Direct-to-Storage
› Lightgrabber™ II Low-Light Feature
› Multiple Lens Options Available

iqeye.com | Toll Free 877-850-0805

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IP - CAMERAS (MEGAPIXEL)

Sentinel H.264 Cameras, Remote Focus

IQE-IQ861NE - HD720p **IQE-IQ862NE** - HD1080p
IQE-IQ863NE - 3.6 MP **IQE-IQ865NE** - 5 MP

- H.264 Main Profile + MJPEG Compression
- 60 fps @ HD720p, 30 fps @ HD1080p, 10 fps @ 5 MP
- Day/Night Movable IR Filter
- IP66 / NEMA 4 Outdoor Enclosure
- ONVIF and PSIA Compliant

IP - CAMERAS (MEGAPIXEL)

Alliance-mx Series H.264 Day/ Night Vandal Dome Camera

IQE-IQM30NE - SD480p **IQE-IQM31NE** - HD720p
IQE-IQM32NE - HD1080p

- H.264 Main Profile + MJPEG Compression
- 60 fps @ SD480p, 30 fps @ HD720p and HD1080p
- Direct-to-Storage (DTS) Capabilities
- Indoor / Outdoor Vandal Resistant Dome
- ONVIF and PSIA Compliant

IP - CAMERAS (MEGAPIXEL)

Alliance-mini Series H.264 Vandal Dome Cameras

IQE-IQD30SV - SD480p **IQE-IQD31SV** - HD720p
IQE-IQD32SV - HD1080p

- Resolutions up to HD1080p
- Varifocal, Wide or Telephoto Lens Option
- 3-Axis Gimbal, Two-Way Audio w/ Built-in Microphone, Cast Aluminum
- ONVIF and PSIA Compliant
- 5-Year Warranty

IP - CAMERAS (MEGAPIXEL)

3 Series H.264 Cameras, Wide Varifoval Lens

IQE-IQ030SI - SD480p **IQE-IQ031SI** - HD720p
IQE-IQ032SI - HD1080p

- Resolutions up to HD1080p
- 60 fps @ SD480p, 30 fps @ HD720p and HD1080p
- Lightgrabber™ II Low-Light Feature
- ONVIF and PSIA Compliant
- 5-Year Warranty

Engineering
All IQinVision cameras are designed, engineered and tested for quality and reliability at our San Juan Capistrano, CA corporate headquarters.
Service
From our superior customer-centric team to our renowned line of IP camera products, IQinVision is proud to stand behind everything we do, including the introduction of the industry's best 5 and 3 year all-inclusive warranties.
Support
14-hour live service, support and training is available in 6 languages: English, Spanish, German, French, Dutch and Portuguese.
iqeye.com | Toll Free 877-850-0805

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CONTROLLERS

Access Control Starter Kits

KANTECH

KAN-SKSE302

- Kits provide everything needed to create a complete access control system
- Includes a KT-300 two door controller that easily links to a network
- Includes EntraPass Special Edition security management software
- Also includes all the peripherals such as ioProx readers

CONTROLLERS

Access Control Starter Kits

KANTECH

KAN-SKCE402 KAN-SKCE403
KAN-SKSE402 KAN-SKSE403

- Kits provide everything needed to create a complete access control system
- Includes a KT-400 4-door controller with embedded IP connectivity
- Includes EntraPass Special/ Corporate Edition security management software
- Also includes all the peripherals such as ioProx readers

CONTROLLERS

Access Control Expansion Kits

KANTECH

KAN-EK302 KAN-EKIP300 KAN-EKIP302

- Comprehensive, easy to install solution to expand an access control system
- Systems can be expanded in 2-door increments
- Includes a KT-300 2-door controller that can easily be linked to a network
- EK-IP300 and EK-IP302 kits include KT-IP (network interface)
- Compatible with EntraPass security management software

CONTROLLERS

Access Control Expansion Kits

KANTECH

KAN-EK400 KAN-EK402 KAN-EK403

- Comprehensive, easy to install solution to expand an access control system
- Systems can be expanded in 4-door increments
- Includes a KT-400 4-door controller with embedded IP connectivity
- Compatible with EntraPass security management software

SOFTWARE

EntraPass Special Edition v6 Security Software

KANTECH

KAN-ESPEENV6 KAN-ESPEFRV6

- EntraPass Special Edition is a single workstation security software
- Controls up to 128 card readers with KT-100/KT-300 door controllers
- And controls up to 256 card readers with KT-400 door controllers
- Easy integration of access, video, intrusion and telephone entry systems
- Embedded high performance Sybase SQL database engine

COMMUNICATIONS

IP Link Network Interface

KANTECH

KAN-KTIP

- RS-232 to TCP/IP converter that provides a secure Ethernet connection
- Cost-effective solution for managing multiple sites over a network
- Relays data between door controllers and EntraPass Multi-Site Gateway
- Controls bandwidth by communicating with Gateway only when necessary

TELEPHONE ENTRY

Kantech Telephone Entry System (KTES)

KANTECH

KAN-KTESUS KAN-KTESCAN KAN-KTESCAMN
KAN-KTESHEAT KAN-EKTES3000

- Fully integrated telephone entry and access control solution
- Standard 250 tenant capacity, optional upgrade to 3,000 tenants (EKTES3000)
- Includes simplified version of the EntraPass security management software
- Easily programmable directly from the keypad
- Optional camera (KTESCAMN), heater (KTESHEAT) & Postal lock (KTESPOSTAL)

IP - RECORDING DEVICES & CONTROL EQUIPMENT

INTEVO Integrated Security Platform (Compact)

KANTECH

KAN-INTEVOCMP1TB

- Compact, desktop format - easy to deploy integrated security platform
- Windows 7 embedded and includes customized system management software
- Preloaded with EntraPass Corporate Edition security managment software
- Preloaded with American Dynamics IP video software
- 1TB, SATA storage drive, 4 USB 2.0 ports

IP - RECORDING DEVICES & CONTROL EQUIPMENT

INTEVO Integrated Security Platform (Advanced)

KANTECH

KAN-INTEVOADV3TB

- Access control, IP video recorder and intrusion detection all in one
- Windows 7 embedded & includes customized system management dashboard
- Preloaded with EntraPass Corporate Edition security management software
- Preloaded with Amercian Dynamics IP video software
- Integrates with DSC PowerSeries and MAXSYS alarm panels
- Supports EntraPass Web client and EntraPass Go mobile app right out of box
- Ideal for small-medium enterprises/scalable to larger applications
- Optional rack mount kit (KAN-INTEVOADVRM)

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IN THE EVOLUTION OF
SECURITY INTEGRATION

One evolved.

INTEVO American Dynamics *inside*

ACCESS + VIDEO + INTRUSION

Finally, an easy-to-deploy, integrated security platform that performs right out of the box. Intevo comes fully loaded with Kantech's EntraPass security management software, American Dynamics IP video software, and includes support for DSC PowerSeries and MAXSYS alarm panel integration. Intevo is easy to configure and includes a customized dashboard for easy system management. And it's got the toughness and dependability you've come to expect from products that carry the Kantech badge. Yes, the evolution is here. And it's called Intevo.

Security **beyond the badge.**

www.kantech.com

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KANTECH
From Tyco Security Products

IP - TRANSMISSION

Ethernet Media Converter

KBC data delivered

KBC-FTL1

- 10/100 Mbps Ethernet LAN fiber optic transceiver
- 1- or 2-fiber versions available on multimode of singlemode fiber
- Compact and 3U chassis card configurations
- 100BASE-FX on 2 fiber units
- Environmentally hardened

IP - TRANSMISSION

Gigabit Media Converter

KBC data delivered

KBC-MCG1

- 10/100/1000 Mbps Ethernet LAN fiber optic transceiver
- 1- or 2-fiber versions available on multimode or singlemode fiber
- Compact and 3U chassis card configurations
- Up to 14 receivers in one 3U chassis
- Environmentally hardened

IP - TRANSMISSION

Point-to-Multipoint Wireless Ethernet

KBC data delivered

KBC-WESIIACCA KBC-WESIIABBA

- A flexible, low-cost transmission option
- Data rate of up to 300Mbps (up to 100Mbps useable throughput)
- MIMO technology
- Suitable for long-range wireless deployment with high receiver sensitivity
- Other antenna options and configurations are available

IP - TRANSMISSION

2nd Generation P2P Wireless Ethernet System

KBC data delivered

KBC-WESIIKT

- A flexible, low-cost transmission option
- 802.11 a/n compliant
- Data rate of up to 300Mbps (up to 100Mbps useable throughput)
- MIMO technology with built-in 17dBi dual polarization antenna
- Suitable for long-range wireless deployment with high receiver sensitivity

IP - TRANSMISSION

PoE+ Ethernet Media Converter

KBC data delivered

KBC-FTLS1

- 10/100Mbps Ethernet LAN fiber optic transceiver
- 802.3at compliant
- 1 or 2 fiber versions available on multimode or singlemode fiber
- Environmentally hardened
- Gigabit versions also available

IP - TRANSMISSION

Wireless Mesh Node

KBC data delivered

KBC-MESHIIAA0A

- Dual Radio Mesh Node
- MIMO Technology up to 100Mbps of useable throughput (300Mbps data rate)
- Build redundant wireless networks
- Ideal for Megapixel camera transmission
- PoE-802.3af compliant

IP - TRANSMISSION

5 Port Industrial PoE Switch

KBC data delivered

KBC-ESUL5PD

- 5 port 10/100 switch with 4 PoE ports (802.3af)
- DIN Rail mount (also ships with option wall mount bracket)
- Extended operating temperature range (-40 to +74C)
- Dual redundant power input with alarm output for power supply

IP - TRANSMISSION

8 Port Industrial PoE+ Switch (10/100/1000)

KBC data delivered

KBC-ESUG8PD

- 8 Gigabit ports (10/100/1000), PoE+ on all ports (802.3at- 30 watts)
- Extended operating temperature (-40 to +74C)
- Dual redundant power input, alarm output for power supply
- DIN rail mount (also ships with options wall mount bracket)

IP - TRANSMISSION

10 Port Industrial PoE Switch

KBC data delivered

KBC-ESUL8PPC2D

- Extended operating temperature (-40 to +74C)
- Dual redundant power input, alarm output for power supply
- DIN rail mount (also ships with wall mount bracket)
- SFP's available in both Multimode and Singlemode variations

IP - TRANSMISSION

Ethernet over Coax or Two Wire with PoE

KBC data delivered

KBC-EE2CL1KT KBC-EE2CL4KT

- Cost effective way to upgrade to IP using existing infrastructure
- 1:4 solution significantly reduces upgrade cost
- Transmission distances of up to 1.5 km
- High density rack system available
- Available in kits: 1:1, 1:2, 1:3, 1:4

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CONTROLLERS

Keyscan Access Control Panels

KES-CA250 KES-CA4500 KES-CA8500 KES-EC1500 KES-EC2500

- Mix & match units to optimize system design & improved system installation
- Dual multi-threaded processors
- 256 timezones, 512 time schedules, 511 group levels, 6000 transaction buffer & supports 32,000 cardholders/site

CONTROLLERS

Keyscan Single Door PoE Equipped Access Control Unit

KES-CA150

- Equipped w/PoE capable TCP/IP Ethernet module which reduces installation time, lengthy wiring & power requirements
- Supports 1 door with in & out reader capability, equipped with 1 door relay & 1 auxiliary relay (wet/dry)

SOFTWARE

Keyscan System VII Software

KES-SYSTEMVII

- Integrates with CCTV (K-TV), Photobadging (K-BADGE), Visitor Mgt (K-VIS), DSC (K-DSC), WEB based interface (K-WEB) & Active mapping which is included with System VII (K-CM)
- Operates on Windows 7 Pro/Enterprise/Ultimate, Vista Business, XP Professional (Service Pack 3 or later) Windows 2000 (Service Pack 4 or later) Windows 2003 & 2008 Server

SOFTWARE

Centrally Managed Access Control License

KES-KRN

- Keyscan's Centrally Managed Access Control allows Integrators/Central Stations to offer access control as a web service (SaaS) with the Keyscan K-WEB software module
- K-RN provides 10 additional connections to the centrally managed host
- Contact Keyscan for host configuration and centrally managed requirements

READERS/KEYPADS

Keyscan Proximity Reader

KES-KPROX2

- 2-in-1 unit for mullion or single gang installation
- Indoor or outdoor use with read range up to 6"
- Use Keyscan 125kHz compatible prox cards (CS125-36)
- Limited lifetime warranty against defects in materials & workmanship

READERS/KEYPADS

Keyscan Proximity Reader/Keypad

KES-KKPR

- Ideal for applications that require enhanced security by enforcing both card presentation & PIN entry
- Backlit keys for low light use; tactile/audible tone indicates key presses; utilizes one reader port
- Use Keyscan 125kHz compatible prox cards (CS125-36)
- Limited lifetime warranty against defects in materials & workmanship

READERS/KEYPADS

Contactless Mifare Smartcard Reader & Smartcard

KES-KSMART KES-KSECURE1K KES-KSECURE4K

- K-SMART reader is 2-in-1 unit for mullion or single gang plate installation
- Uses industry proven nonproprietary MIFARE smartcard technology
- K-SECURE smartcards provide the highest level of anti-counterfeiting protection
- US Government option for FIPS 201 & TWIC compatible transparent reader

WIRELESS

RF Receiver RF Fobs with Proximity Chip

KES-KRX KES-KTX2

- Combines convenience of long range RF fob & onboard prox chip for use with 125kHz (K-TX2) or Indala (K-INTX2) readers
- Permits tracking, usage reporting & assigning access privileges when used with Keyscan access control systems
- Ideal solution for parking gates & parking garage applications

COMMUNICATIONS

Keyscan Communication Equipment

KES-NETCOM2P KES-NETCOM2

- NETCOM2P is a modular TCP/IP converter that plugs directly into the CIM module to establish network communication
- NETCOM2 is ideal for providing TCP/IP LAN/WAN connectivity for a single ACU
- Encrypted versions also available (NETCOM6 & NETCOM6P)

COMMUNICATIONS

Keyscan Communication Interlink Module

KES-CIM

- Utilizes a Controller Area Network (CAN) Bus infrastructure to establish a communication among multiple ACUs
- Impressive host of new features: ground loop protection, enhanced device-based diagnostics, improved speed & unprecedented reliability
- Global communication that meets the demands of the most sophisticated access control implementations

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SURGE PROTECTORS

MMS Series Surge Suppressors

MMP-MMS370 - 7-outlet w/ child safety covers
MMP-MMS370T - 7-outlet w/ child safety covers
MMP-MMS570 - Ruggedized 7-outlet
MMP-MMS110 - Single outlet wall-tap
MMP-MMS130C - 3-outlet wall-tap w/ fax/phone
MMP-MMS362P - -outlet strip twin pack (2 units)

- Standard series surge protection products
- Models with T in name offer telephone protection
- MMS370 & MMS370T models offer sliding safety covers
- All units are UL1449 certified
- Limited Lifetime Warranty and up to $75,000 connected equipment protection

SURGE PROTECTORS

MMS Slimline Series Surge Supressors

MMP-MMS686SCT - Slimline 8-outlet w/ coax, network, safety covers
MMP-MMS130RC - Slimline 3-outlet wall tap w/ coax for HDTVs
MMP-MMS660S - Slimline 6-outlet wall tap
MMP-MMS664S - Slimline 6-outlet strip

- Slimline series surge suppression products for compact spaces
- MMS130RC features side-facing outlets ideal for wall-mount TV installs
- MMS686SCT features child safety covers, transformer-spaced outlets
- All units UL 1449 Certified

SURGE PROTECTORS

MMS Rotating Series Surge Suppressors

MMP-MMS760RCT - 6-outlet wall tap w/ rotating outlets
MMP-MMS780R - 8-outlet strip w/ 6 rotating outlets & cord mgmt
MMP-MMS7100RT - 10-outlet strip w/ 5 rotating outlets
MMP-MMS7120RCT - 12-outlet strip w/ 8 rotating outlets

- Rotating Outlets Series Surge Suppressors
- Rotating outlets to accommodate multiple transformer blocks
- Coax protection (C) and phone/fax protection (T) on select models
- Limited lifetime warranty and up to $200,000 connected equipment protection

SURGE PROTECTORS

Lineguard Data Line Surge Suppressors

Surge protector for IP cameras:
MMP-MMSCAT6LAN **MMP-MMSCAT6POE**
MMP-MMSCAT5LANRJ45 **MMP-MMSCATPOERJ45**

- Surge protection for analog and IP-based cameras, DVRs, network data lines
- Lightning rated, solid state protection provides fastest response time
- Small footprint, mounts easily on the wall
- 2 LED status indicators
- UL497 and UL497B ratings
- Limited Lifetime Warranty

REMOTE POWER MANAGERS

RPM Series 2-Port Remote Power Management Unit

MMP-RPM1521 - 2-port, 15-amp, compact rack-mountable, 120V

- Remotely manage power to up to 2 devices from anywhere in the world
- Compact unit suitable for tight installs; rack mountable
- Configure and control through any web browser (PCs, smartphones, tablets)
- Notifies of power events & lockups via email or SMS; auto reboot capable
- Reduce power consumption, save service calls to reboot locked devices

POWER DISTRIBUTION

RPM Series 8/16-Port Remote Power Management Units

MMP-RPM1581HVN - 8-port, 15-amp, 1U/0U rackmount, 120V
MMP-RPM20161VN - 16-port, 20-amp, 0U rackmount, 120V
MMP-RPM2082HVI - 8-port, 20-amp, 1U/0U rackmount, 208V
MMP-RPM20162VI - 16-port, 20-amp, 0U rackmount, 208V

- Remotely manage power to up to 16 devices from anywhere in the world
- Horizontal/vertical (HV) or vertical-only (V) rack-mountable
- NEMA 5-15 (N) or IEC320 (I) receptacles
- Configure and control through any web browser (PCs, smartphones, tablets)

POWER DISTRIBUTION UNITS

MMPD Series Power Distribution Units

MMP-MMPD815HV - 8 Outlet 1U/0U PDU
MMP-MMPD1415HV - 14 Outlet 1U/0U PDU
MMP-MMPD1415HVA - 14 Outlet Amp-metered 1U/0U PDU
MMP-MMPD2420VA62 - 24 Outlet Amp-metered 0U PDU
MMP-MMS1015HV - 10 Outlet Surge Protected 1U/0U PDU

- Standard 15' power cords; front and rear outlets on select models
- Amp-metered units available
- Vertical or horizontal mounting in most racks and enclosures
- Compliant with UL 60950-1 standard for data centers
- Limited Lifetime Warranty

UPS PRODUCTS

SNMP Communication Cards

MMP-SNMPNV6 - IpV4/V6 compliant SNMP card for ED, E, PRO-RT UPSs
MMP-SNMPNET - SNMP Management card for ED, E, PRO-RT UPSs
MMP-SNMPSSL - Enhanced Security SNMP for ED, E, PRO-RT UPSs

- Connects select Minuteman UPSs to the network via RJ45 cable
- Monitor and manage multiple UPSs from any computer on the network
- SNMP-NV6 features IPv4, IPv6; SNMPv1, v2C, and v3 compatibility
- SNMP-SSL Supports SSL, SSH, HTTPs, and SNMPv3 security protocols
- Environmental, smoke, water, door, vibration monitoring devices available

UPS PRODUCTS

Enterprise Plus UPS Systems

MMP-E750RM2U - 750VA UPS, 2U rack or tower config.
MMP-E1000RM2U - 1000VA UPS, 2U rack or tower config.
MMP-E1500RM2U - 1500VA UPS, 2U rack or tower config.
MMP-E2000RM2U - 2000VA UPS, 2U rack or tower config.
MMP-E3000RM2U - 3000VA UPS, 2U rack or tower config.

- True sine wave output
- Line interactive UPS technology with Automatic Voltage Regulator
- Unlimited runtime capability via external battery packs
- Built-in USB, RS 232, and SNMP (card sold separately) communications ports

UPS PRODUCTS

Endeavor True On-Line UPS Systems

MMP-ED1000RM2U - 1000VA
MMP-ED1500RM2U - 1500VA **MMP-ED2000RM2U** - 2000VA
MMP-ED3000RM2U - 3000VA **MMP-ED6000T** - 6000VA
MMP-ED10000T - 10000VA **MMP-ED6200RM** - 6000VA

- True on-line double conversion UPS technology
- Designed for mission critical applications
- 6,000 and 10,000VA Tower; 6,200VA Rack mount
- 6,000 and 10,000VA units can be configured for parallel or redundant up to 24kVA
- Unlimited runtime capability via external battery packs

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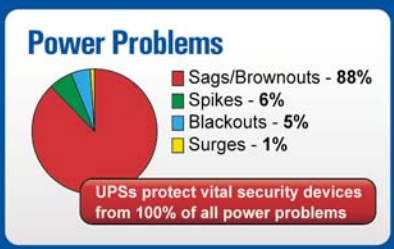
Security Systems form 360° of Protection: Reliable power is the key to it all.

Minuteman's complete line of power protection solutions forms a barrier between the security system and the potential power problems it can face. **Trust your reputation to Minuteman: the leader in security power protection.**


Power Problems
Sags/Brownouts - 88%
Spikes - 6%
Blackouts - 5%
Surges - 1%
UPSs protect vital security devices from 100% of all power problems

MINUTEMAN POWER TECHNOLOGIES by Para Systems, Inc.

UPS Sizing made easy:
http://www.sizeups.com/3232.html

UPS PRODUCTS

Enspire UPS Systems

MMP-EN400 - 400VA Standby UPS, 6 Outlets (3 Battery, 3 Surge)
MMP-EN600 - 600VA Standby UPS, 6 Outlets (3 Battery, 3 Surge)
MMP-EN750 - 750VA Standby UPS, 8 Outlets (4 Battery, 4 Surge)
MMP-EN900 - 900VA Standby UPS, 8 Outlets (4 Battery, 4 Surge)

- Designed for small system requirements
- LCD display for status, runtime monitoring (EN750, EN900)
- High efficiency Green-mode operation (EN750, EN900)
- Two transformer-friendly spaced outlets perfect for AC adapters
- Three-year parts & labor warranty, two-year battery

UPS PRODUCTS

Entrust UPS Systems

MMP-ETR500 - 500VA Slimline UPS
MMP-ETR700 - 700VA Slimline UPS
MMP-ETR1000 - 1000VA Slimline UPS
MMP-ETR1500 - 1500VA Slimline UPS

- Designed for security applications, slimline form ideal for tight installs
- 8 Outlet (4 battery/4 surge) UPS with Automatic Voltage Regulator (AVR)
- Fax/modem/network protection
- Built-in USB communications port, SentryPlus™ software included
- Three-year parts & labor warranty, two-year battery

UPS PRODUCTS

Pro-LCD® UPS Systems

MMP-PRO500LCD - 500VA UPS, 8 Outlets (6 Battery/2 Surge-only)
MMP-PRO700LCD - 700VA UPS, 8 Outlets (6 Battery/2 Surge-only)
MMP-PRO1100LCD - 1100VA UPS, 8 Outlets (6 Battery/2 Surge-only)

- Line interactive UPS technology with Automatic Voltage Regulator (AVR)
- LCD status screen shows input/output voltage & freq., estimated runtime
- Includes Minuteman SentryPlus™ power management and diagnostic software
- Fax/modem/network protection
- Built-in USB communications port
- 3 Year Parts & Labor Warranty w/ non-prorated battery coverage

UPS PRODUCTS

Pro-RT Series UPS Systems

MMP-PRO1000RT - 1000VA 2U Rack or Tower UPS
MMP-PRO1500RT - 1500VA 2U Rack or Tower UPS

- Rack & tower mount hardware included, optional wall mount kit available
- Line interactive UPS technology with Automatic Voltage Regulator (AVR)
- LCD Display shows UPS Status, estimated runtime, input/output voltage
- Built-in USB comm, SNMP card optional; SentryPlus® software included
- Three-Year Parts & Labor Warranty

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Mobotix DualDome Camera D15

MOB-MXD15DISEC

- One camera with two individual 5 MP image sensors and lenses
- Enhanced light sensitivity, clear colour images also in low light conditions
- One 5MP black and white sensor produces live or recorded 3.1MP image
- Optimized hardware ensures smooth HiRes video streams up to 30 fps
- 180° Panorama camera available
- Microphone & speaker w/ full audio functionality (VoIP and SIP w/ video)
- Decentralized System - On-board image processing - minimal network load
- Low Total Cost - Low power consumption with under 5 watts (PoE supply)
- No wearing mechanical moving parts, temp range -22°F - +60°F
- Integrated high-speed processor & flash memory - no need servers & storage

IP - CAMERAS (MEGAPIXEL)

Mobotix Hemispheric Camera Q24

MOB-MXQ24MSECD11

- Hemispheric 360° allround view for complete room monitoring with L11 lens
- Complete panorama view, ideal for access control
- Simultaneous Quad-display of all four room corners
- Digital continuous pan, tilt and zoom
- With optional colour sensor, 1 lux at 1/60s, 0.05 lux at 1s exposure time
- B/W sensor (0.1 lux at 1/60 s, 0.005 lux at 1 s exposure time)
- Robust and maintenance-free, without mechanically moving parts
- Alarm function, speaker and microphone integrated
- Perfect design with low installation height
- Internal DVR (up to 64 GB), recording without network load

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IP - CAMERAS (MEGAPIXEL)

Mobotix Monodome Camera D24

MOB-MXD24MSEC

- FixDome camera for flexible mounting, for indoor and outdoor
- 3MEGA-resolution (QXGA, 2048x1536 pixels)
- Exchangeable lenses from Super Wide Angle (90°) to Tele (15°)
- Internal DVR (up to 64 GB), recording without network load
- Optional vandalism On-Wall and In-Ceiling sets

IP - CAMERAS (MEGAPIXEL)

Mobotix Allround Camera M24

MOB-MXM24MSEC

- Exchangeable lens camera for indoor/ outdoor use (IP66), 3MEGAPix-resolution
- Microphone & speaker w/ full audio functionality (VoIP and SIP w/ video)
- Internal DVR (up to 64 GB), recording without network load
- Robust, low-maintenance and weatherproof from -22°F to +140°F, (IP66)
- Universal wall/ceiling mount incl. Digital continuous zoom, pan and tilt

IP - CAMERAS (MEGAPIXEL)

FlexMount Camera S15

MOB-MXS15DISEC

- Double Hemispheric. two High Resolution 180°/360° sensors
- One S14D replaces up to eight standard cameras, detailed wall-to-wall image
- Decentralized System- On-board image processing- minimum network load
- Low Total Cost - Low power consumption with under 5 watts (PoE supply)
- Mobile Ready - For buses, trains and other types of vehicles
- Weather proof dual camera system (IP65) with flexible mounting solutions
- Two separately connected, discreet miniature sensor modules
- Image sensor and microphone integrated directly into the sensor module
- Integrated DVR functionality: Slot for MicroSD card (up to 64GB)
- Functional expansion via MiniUSB and MxBus connector

IP - CAMERAS (MEGAPIXEL)

Dual Day/Night Camera M15

MOB-MXM15DSEC

- 5MP Dual lens camera with interchangeable sensor modules, 12 modules avail
- IP66 rated weatherproof, robust outdoor camera
- Integrated environment sensors (PIR, outside temperature, vibration sensor)
- Speaker and microphone for two-way communication, longterm memory
- Weatherproof MxBus and MiniUSB allows direct extra connections
- Decentralized - On-board image processing guarantees minimal network load
- High-speed processor and flash memory eliminate need for server & storage
- Low Total Cost - Low power consumption with under 5 watts (PoE supply)
- Robust, no wearing mechanical moving parts, -22°F - +140°F
- MxActivitySensor -reliable results- significantly reduces false alarms

ACCESSORIES

MX-NPA-Box Outdoor

MOB-MX0PTNPA1EXT

- MX-NPA-Box is a weatherproof PoE injector
- Protection class IP65, -22°F to +140°F
- Extremely compact outer housing, fits in the space of an outdoor wall mount
- Uses the Ethernet installation cable for data transfer and PoE power supply

ACCESSORIES

MX-GPS-Box

MOB-MX0PTGPS1EXT

- GPS timer for MOBOTIX cameras
- Protection class IP65, -22°F to +140°F
- Provides external temperature and light intensity
- Provides precise system time for one or more integrated cameras
- Power consumption less than one watt

INTERCOMS

Mobotix Hemispheric IP Video Door Station T24

MOB-MXT24MSECD11

- VoIP/SIP-enabled MOBOTIX door station
- The doorbell triggers a network connection to a video telephone or PC
- Superior overview thanks to the 3.1 megapixel hemispheric camera w/ vPTZ
- Automatically stores all activities outside the door with sound
- Power supply via network cable or (already existing) bell wire
- Also matches the modular door intercom installation system from SIEDLE
- Modules can be integrated, such as doorbell buttons, motion sensors etc.
- Keyless entry using PIN code or transporter with intelligent time control

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OpenEye® NETWORK VIDEO SOLUTIONS

2MP Outdoor IP 18x PTZ Dome

- 18x optical zoom
- Integrated sunshield
- True day / night
- H.264 / MJPEG
- Integrated heater and fan
- High speed belt drive

OPE-CM816

2MP HD IP Mini Dome

- H.264 / MJPEG
- Power over Ethernet
- Quad streaming
- Digital WDR
- IP66 weatherproof rated model available

OPE-CM611 (Indoor)
OPE-CM711(Outdoor)

5MP IP Box Camera

- True day / night
- C / CS mount (lenses sold separately)
- Digital WDR
- Quad streaming
- Power over Ethernet

OPE-CM650

2MP Outdoor HD IP Dome

- Integrated heater
- True day / night
- H.264 / MJPEG
- Autofocus model available
- IP66 weatherproof rating

OPE-CM716
OPE-CM716A (Autofocus lens)

2MP Outdoor IR IP Bullet Camera

- IP66 weatherproof rating
- True day / night
- Digital WDR
- H.264 / MJPEG
- Quad streaming
- On-board heater

OPE-CM722I
OPE-CM722AI (Autofocus lens)
OPE-CM722VF (Varifocal lens)

2MP Outdoor HD IP IR Dome

- Integrated heater
- True day / night
- H.264 / MJPEG
- Autofocus model available
- IP66 weatherproof rating

OPE-CM716I
OPE-CM716AI (Autofocus lens)

16 Ch. Super Hybrid Recorder

- 16 hybrid channels standard
- Add up to 8 more IP ch.
- LDAP support
- Dual monitor support
- Up to 9TB available storage
- Dual NIC standard

OPE-OE5SH24016E

Network Recorders

- IP camera discovery and configuration
- Up to 64 IP channels
- LDAP support
- Dual monitor support
- Dual NIC standard

OPE-OE5N3 (3U)
OPE-OE5NM (Micro)

RADIUS Multi-Site Monitoring Software is included free with all OpenEye Hybrid and Network video recorders

Control your recorder from your office, home or mobile device with OpenEye's free remote software package

All OpenEye IP products are ONVIF™ compliant and work with a wide range of recording solutions

All OpenEye recorders are ReportStar® ready, OpenEye's cloud-based health monitoring system

All OpenEye products are covered by a one year advance replacement warranty

Every OpenEye product is backed by OpenEye's industry renowned Heroic Customer Service

openeye.net

IP - POWER OVER ETHERNET

Control IP Cameras Via Video Monitoring Software

OPT-PIE1 - PoE IP Encoder

- Allows OPTEX sensors to be easily added to a VMS powered security network
- 2 RJ45 (one as the network input, one as a pass-through output)
- Fits in a standard double-gang box
- Acts as power-splitter and Redwall Event Command encoder
- Send the ASCII alarm command(s) back to the network

IP - POWER OVER ETHERNET

PIR Detectors for Volumetric Detection Coverage

OPT-SIP5030 - Wide Angle PIR with PoE option
OPT-SIP100 - Long Range PIR with PoE option

- Use OPTEX PIE-1 to integrate into popular VMS options
- 3 independent alarm output ideal for PTZ camera control (SIP-100)
- 2 in 1 detector with an independent creep zone sensor unit (SIP-5030)
- 7.6ft to 13ft mounting height
- Anti-vandalism functions including anti-masking and anti-rotation

IP - POWER OVER ETHERNET

Redbeam IP Photoelectric Infrared Trip Wire

OPT-RBM60QN - 200' IP Photoelectric Detector
OPT-RBM100QN - 350' IP Photoelectric Detector

- Generates alarm when an intruder breaks the perimeter line
- Pre-bundled with OPTEX PoE IP encoder, PIE-1
- Easy integration w/ VMS generating ASCII codes (Redwall Event Codes)
- Easy installation and adjustment

IP - POWER OVER ETHERNET

Redscan IP or Analog Class-1 Laser Detector

OPT-RLS3060SH - Indoor / Outdoor Class-1 Laser Detector

- Large area coverage: 100' Horizontal radius or 50'High x 200' Vertical Wall
- Can be integrated into popular VMS solutions
- Technology that tracks multiple people in large area
- Provides customized and precise detection areas to drive PTZ's
- Works in all environments such as no-light, drastic elevation changes, snow

Sensing Solutions for IP CCTV Systems

Redwall IP detectors from OPTEX are advanced products specifically designed for professional video surveillance systems. Harnessing a variety of proven infrared and laser detection technology, Redwall IP detectors can offer a complete detection solution for various external perimeter security systems integrated with IP CCTV products, including advanced integration with Genetec and complete integration with the Milestone software platform. Redwall IP products offer better video verification and control of your perimeter in various conditions, improving efficiency and reducing false alarms.

OPTEX
Sensing Innovation
www.optexamerica.com

www.twitter.com/optexamerica
www.facebook.com/optexamerica

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IP - CAMERAS

Super Dynamic Vandal Resistant Fixed Dome

Panasonic ideas for life

PAN-WVSW352 - Vandal Resistant Fixed Dome Network Camera

- SVGA 800x600 MOS Sensor
- Multiple H.264 & JPEG streams for real time monitoring & high res recording
- UniPhier®, Panasonic's proprietary System LSI platform
- Full frame (Up to 30 fps) transmission at SVGA/800 x 600 image size
- Super Dynamic and ABS (Adaptive Black Stretch) technologies

IP - CAMERAS (MEGAPIXEL)

Mega Super Dynamic HD Vandal Resistant Fixed Dome

Panasonic ideas for life

PAN-WVSW355 - HD Vandal Resistant Fixed Dome Network Camera

- 720p HD images up to 30 fps; 1.3 Megapixel high sensitivity MOS Sensor
- Multiple H.264 & JPEG streams for real time monitoring & high res recording
- UniPhier®, Panasonic's proprietary System LSI platform
- Full frame (Up to 30 fps) transmission at 1,280 x 960 image size
- Super Dynamic and ABS (Adaptive Black Stretch) technologies

IP - CAMERAS (MEGAPIXEL)

HD Vandal-Resistant Fixed Dome Network Camera

Panasonic ideas for life

PAN-WVSF346 - Indoor HD Network Camera

- 720p HD images up to 30fps 1.3 Megapixel high sensitivity MOS Sensor
- Multiple H.264 & JPEG streams for real time monitoring & high res recording
- UniPhier®, Panasonic's proprietary System LSI platform
- Full frame (Up to 30 fps) transmission at 1,280 x 960 image size
- Wide Dynamic Range and ABS (Adaptive Black Stretch) technologies

IP - CAMERAS (MEGAPIXEL)

Mega Super Dynamic HD Vandal Resistant Dome

Panasonic ideas for life

PAN-WVSW155 - HD / 1,280 x 960 H.264 Network Camera

- 720p HD images up to 30 fps & 1.3 Megapixel high sensitivity MOS Sensor
- Multiple H.264 & JPEG streams for real time monitoring & high res recording
- UniPhier®, Panasonic's proprietary System LSI platform
- Full frame (Up to 30 fps) transmission at 1,280 x 960 image size
- High sensitivity with Day & Night: 0.8 lx (Colour), 0.6 lux (B/W) at F2.2

IP - CAMERAS (MEGAPIXEL)

Megapixel Network Camera

Panasonic ideas for life

PAN-WVSP306 - HD/1,280 x 960 H.264 True Day/Night with ABF
PAN-WVSP305 - HD/1,280 x 960 H.264
PAN-WVSP302 - SVGA/800 x 600 H.264

- Progressive scan ensures clear images with motion blur and no tearing
- Supports H.264/MPEG-4/ JPEG video streams
- High sensitivity with automatic calibration for more details
- Panasonic Uniphier® technology for optimal performance
- Face detection for better subject identification

IP - CAMERAS (MEGAPIXEL)

Network Bullet Camera

Panasonic ideas for life

PAN-WVSP102 - VGA/640 x 480 H.264
PAN-WVSP105 - HD/1,280 x 960 H.264 with 2x Extra Zoom

- 720p images up to 30 fps; 1.3 Megapixel high sensitivity MOS Sensor (SP105)
- 0.32 Megapixel high sensitivity MOS Sensor (SP102)
- Multiple H.264 & JPEG streams for real time monitoring & high res recording
- UniPhier®, Panasonic's proprietary System LSI platform
- 2x extra zoom under VGA resolution (SP105) 2x, 4x digital zoom from browser

IP - CAMERAS (MEGAPIXEL)

360 Degree Network Camera

Panasonic ideas for life

PAN-WVSW458

- Vandal resistant IP66 Rated
- 1080P Full HD Images
- Super Dynamic and ABS technology
- SDXC Memory Card Compatible

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IP - CAMERAS (MEGAPIXEL)

Super Dynamic HD PTZ Dome Network Camera

Panasonic ideas for life

PAN-WVSC385

- 720p HD images up to 30 fps; 1.3 Megapixel double speed MOS Sensor
- Multiple H.264 & JPEG streams for real time monitoring & high res recording
- UniPhier®, Panasonic's LSI platform & Super Dynamic and ABS technologies
- 18x optical zoom with 12x digital zoom enabling 216x zoom
- 36x extra optical zoom under VGA resolution with 12x digital for 432x total

IP - CAMERAS (MEGAPIXEL)

HD Outdoor Pan/Tilt Wireless Network Camera

Panasonic ideas for life

PAN-WVSW174W

- 1.3 Megapixel / 720P HD Images
- Pan and Tilt Operation
- IP55 rated water and dust resistant
- SDHC Memory Card slot for manual recording

IP - CAMERAS (MEGAPIXEL)

SuperDynamic Megapixel Vandal Resistant Fixed Dome

Panasonic ideas for life

PAN-WVNW502S - SD Megapixel Vandal Resistant Network Camera

- Multiple H.264 & JPEG streams for real time monitoring & high res recording
- Up to 30 fps full frame transmission at 1,280 x 960 image (1.3 Megapixel)
- Super Dynamic and Adaptive Black Stretch (ABS) technologies
- 128x wider dynamic range for exceptional images in virtually any condition

IP - CAMERAS (MEGAPIXEL)

Mega Super Dynamic Weather Resistant HD Dome

Panasonic ideas for life

PAN-WVSW396A - Rain wash out coat model

- 720p HD images up to 30 fps &New 1.3 Megapixel double speed MOS Sensor
- Real time monitoring & high res recording by Panasonic UniPhier® Platform
- 36x optical zoom with 12x digital zoom-432x zoom. 72x extra under VGA
- Mega Super Dynamic and ABS technologies deliver 128x wider dynamic range
- IP66 rated water and dust resistant

IP - CAMERAS (MEGAPIXEL)

Mega Super Dynamic HD Dome Network Camera

Panasonic ideas for life

PAN-WVSW395

- 720p HD images up to 30 fps; 1.3 megapixel double speed MOS sensor
- Multiple H.264 & JPEG streams for real time monitoring & high res recording
- UniPhier®, Panasonic's proprietary System LSI platform
- 18x optical zoom with 12x digital zoom (216x total zoom)
- 36x extra optical zoom under VGA resolution with 12x digital for 432x total

IP - CAMERAS (MEGAPIXEL)

Compact Dome Network Camera

Panasonic ideas for life

PAN-WVSF135 - HD/1,280 x 960 H.264 Dome with 2x Extra Zoom
PAN-WVSF132 - VGA/640 x 480 H.264 Dome Network Camera

- 720p HD images up to 30 fps (WV-SF135)
- 1.3 (WV-SF135) / 0.32 (WV-SF132) Megapixel high sensitivity MOS Sensor
- Multiple H.264 and JPEG streams
- High sensitivity Day /Night: 0.8 lx (Colour) 0.6 lx (B/W) at F2.2 (WV-SF135)

IP - CAMERAS (MEGAPIXEL)

Outdoor HD Bullet Network Camera with IR LED's

Panasonic ideas for life

PAN-WVSW316L

- 1.3MP / 720p HD images up to 30 fps
- IR LED Distance up to 15 Meters
- Super Dynamic and ABS Technology
- 3.1mm – 10mm lens
- SDHC Memory Card Slot

CAMERAS

High Resolution Day/Night Camera

Panasonic ideas for life

PAN-WVCP504 - 24VAC/12VDC

- 650 lines of horizontal resolution (colour), 700 lines (B/W)
- I/R cut filter switches on/off to enhance the sensitivity in B/W mode
- Auto Back Focus ensures easy installation and stable focus in both colour and B/W modes
- 0.3 lux (colour), 0.04 lux (B/W)
- Adaptive Digital Noise Reduction: integration of 2D-DNR and 3D-DNR

CAMERAS

Super Dynamic 6 Weather Resistant Dome Camera

Panasonic ideas for life

PAN-WVCW594 - 24-hour outdoor surveillance camera, 36x zoom, SD6

- Super Dynamic 6 delivers 128x(NTSC) / 160x (PAL) wider dynamic range &VMD
- High sensitivity Day/Night: 0.5 lx (Colour) at F1.4, 0.04 lx (B/W) at F1.4
- Adaptive Digital Noise Reduction & Electronic sensitivity enhancement
- 36x zoom lens: 3.3 ~ 119 mm (approx. 720x with digital zoom) &Auto tracking

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CAMERAS

Vandal-Resistant Fixed Dome Camera

Panasonic ideas for life

PAN-WVCW364 - Vandal Resistant IP66 Day/Night, 1/3 type CCD

- High sensitivity with true Day/Night function: 0.6 lx (Colour): 0.05 lx(B/W)
- High resolution: 540 TV lines & Vandal-resistant mechanism
- IP66 rated water and dust resistant - compatible with IEC60529 standard
- 2.8 ~ 10 mm 3.6x vari-focal Auto Iris lens
- ABS enhances visibility of dark area without degrading bright area quality

CAMERAS

Super Dynamic 5 Vandal Resistant Fixed Dome Camera

Panasonic ideas for life

PAN-WVCW504

- Super Dynamic 5 delivers Superior image by fusing ABS and i-VMD technology
- High resolution: 650 TV lines typical (Colour), 700 TV lines minimum (B/W)
- High sensitivity with Day/Night: .1 lx (Colour), 0.01 lx (B/W) at F1.4 (Wide)
- IR cut filter switches on/off to enhance the sensitivity in B/W mode
- 3.8 ~ 8.0 mm, 2x vari-focal Auto Iris lens

CAMERAS

Day/Night Mini Fixed Dome Camera

Panasonic ideas for life

PAN-WVCF344 - 24 V AC or 12 V DC
PAN-WVCF354 - 24 V AC or 12 V DC

- High resolution: 650 TV lines & (ABF) Auto Back Focus (WVCF354)
- High sensitivity with Day/Night: 0.08 lx (Colour), 0.05 lx (B/W) at F1.4
- ABS enhances visibility of dark area without degrading bright area quality
- 2.8 ~ 10 mm 3.6x Varifocal Auto Iris lens

RECORDING DEVICES & CONTROL EQUIPMENT

Digital Video Recorder

Panasonic ideas for life

PAN-WJHD616 - 16 Channel H.264 Digital Video Recorder
PAN-WJHD716 - 16 Channel Real Time H.264 Digital Video Recorder

- H.264 compression technology for more efficient use of disk space
- 16 analog video inputs including 8 Panasonic coaxial camera control inputs and 4 audio inputs
- 480ips at 720x240 screen resolution (WJHD716), 240ips at 720x240 screen resolution (WJHD616)
- HDMI live/playback monitor outputs for 1080i output display

RECORDING DEVICES & CONTROL EQUIPMENT

Network Video Recorder

Panasonic ideas for life

PAN-WJND400

- Up to 32 network cameras can be connected and recorded & No camera licenses
- H.264, MPEG-4 and JPEG multi-format recording
- Recording modes: manual, schedule, event, emergency and external timer
- Alarm sources include 16x terminal inputs, 16x camera alarms
- Panasonic camera control: pan/tilt, zoom, focus, brightness, preset, auto

RECORDING DEVICES & CONTROL EQUIPMENT

Network Video Recorder (NVR)

Panasonic ideas for life

PAN-WJNV200

- H.264, MPEG-4 and JPEG multi format recording & No per camera license fees
- Up to 16 network cameras connected and recorded simultaneously
- Quick setup via automatic camera detection and simple setup wizard - No PC
- Referenced recording days is calculated by frame rate, image quality & HDD
- Real Time Face Matching matches registered face images with a live image

SOFTWARE

i-PRO Management Software

Panasonic ideas for life

PAN-WVASM200 - Software for multi-recorder multi-site system
PAN-WVASE201 - Extension Software

- Register up to 100 recorders, 64 encoders & 256 directly connected cameras
- Up to 16x 30 ips/cameras can be displayed in H.264 1.5 Mbps or MPEG-4 2 Mbp
- Panasonic camera control: Pan/Tilt, Zoom, Focus, Brightness, Preset
- Supports 16:9 video stream and 16:9 HD monitor

SOFTWARE

Management Software for PMPU1000

Panasonic ideas for life

PAN-WVASM970

- Dedicated GUI (Graphic User Interface) for PMPU1000
- Two monitor operation is available (map/operation & live/playback video)
- Multi-split screen (1/4/7/9/10/13/16 split) support
- Up to 30 ips/camera can be displayed in 16 split-screen in H.264 1.5 Mbps

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IP - CAMERAS (MEGAPIXEL)

Sarix™ Network Indoor Fixed Dome

PEL-ID PEL-IDS0 PEL-ID10
PEL-IDE20 PEL-ID30

- ID Series Indoor Domes with Sarix technology
- HD Video at 30 Images Per Second
- Analytics
- Advanced Lowlight, Colour Accuracy, and Auto Back Focus
- Available in .5 (Standard Definition), 1.3, 3.1 (High Definition) and 2.1 (Extended Platform) Megapixel Performance Models

IP - CAMERAS (MEGAPIXEL)

Sarix® IL Series Box Cameras and Micro Domes

PEL-IL10

- 720p (1280 x 720) Resolution with 30 Images per Second (ips)
- H.264 Compression with Up to 2 Simultaneous Video Streams
- Selectable Bit Rate with Minimum Illumination Down to 0.5 lux
- Integrated 68° Diagonal Field of View Lens
- Power over Ethernet (IEEE 802.3af) or 24 VAC Options

IP - CAMERAS (MEGAPIXEL)

Sarix™ Network Indoor/Outdoor Fixed Dome

PEL-IE PEL-IES0 PEL-IE10 PEL-IE30
PEL-IEE PEL-IEE10 PEL-IEE20

- Rugged Tamper Resistant Indoor Outdoor Dome
- Auto Back Focus, Advanced Lowlight, and Colour Accuracy
- Motion Detection
- Bi-directional Full-Duplex Audio
- .5 (Standard Definition), 1.3, 3.1 (High Definition) and 2.1 (Extended Platform) Megapixel Models

IP - CAMERAS (MEGAPIXEL)

Sarix™ Megapixel Network Camera

PEL-IX PEL-IXS0 PEL-IX30 PEL-IXE20

- Open IP Standards
- Advanced Lowlight, Colour Accuracy
- H.264, MJPEG, and MPEG-4 Compression Capability
- Colour and Day/Night Models
- .5 (Standard Definition), 1.3, 3.1 (High Definition) and 2.1 (Extended Platform) Megapixel Models

IP - CAMERAS (MAGAPIXEL)

HD IP Dome Positioning System - Spectra HD

PEL-S5220

- Up to 1920 x 1080 Resolution
- 2.0 Megapixel (MPx), 20X Optical Zoom, 12X Digital Zoom, Wide Dynamic Range
- 16:9 Aspect Ratio; 1080p at 30 Images per Second (ips)
- 2 Simultaneous Video Streams: Dual H.264 and Scalable MJPEG
- Ability to Control and Monitor Video Over IPv4 and IPv6 Networks

IP - CAMERAS

Sarix™ Mini Indoor Fixed Dome

PEL-IM PEL- IMS0 PEL-IM10

- Up to 1.3 Megapixel Resolution (1280 x 1024)
- Up to 30 Images per Second (ips) at 1280 x 720
- Compact Size with 3" Bubble
- Auto Focus Varifocal 2.8~10 mm Megapixel Lens
- Easy Installation
- H.264 and MJPEG Compression
- Line-in Audio and Built-in Microphone

IP - CAMERAS

Spectra® IV IP Network Dome System

PEL-SD4N

- Ability to Control and Monitor Video over IP Networks
- 3 Simultaneous Video Streams, Dual MPEG-4, MJPEG
- Simultaneous IP and Analog Video and Control
- Supported Protocols: TCP/IP, UDP/IP (Unicast, Multicast IGMP), UPnP, DNS, DHCP, RTP, NTP
- Available 23X, 27X, and 35X Model

MONITORS

PMCL500BL Series LCD Monitors

PEL-PMCL500BL

- 24- 32- 42- 46- and 55- Inch Monitors with 1080p Resolution
- Three-Year Warranty
- 6.5ms Response Time with HDMI, DP, VGA and DVI Inputs
- Picture in Picture (PIP) and LED Backlight Technology
- Energy Star Certifications 5.1

IP - RECORDING DEVICES & CONTROL EQUIPMENT

Digital Sentry Network Video Recorder - DSSRV

PEL-DSSRV

- Integrated hardware/software VMS solution
- Powerful video processing performance
- Flexible NVR, DVR, or Hybrid NVR deployment
- Support up to 128 cameras, up to 64 analog cameras
- Broad support for third-party camera integration

IP - RECORDING DEVICES & CONTROL EQUIPMENT

DX4700/DX4800 Hybrid Video Recorders

PEL-DX4700 PEL-DX4800
PEL-DX4700HDD PEL-DX4800HDD

- Cost-Effective IP Migration Platform
- HD recording for sensitive areas
- 8 or 16 looping analog channels PLUS 2 IP cameras, up to 2 MP each
- H.264, High-Definition Hybrid Recording, DVD Standard
- Connects to DX and DS DVRs/HVRs

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IP - CAMERAS (MEGAPIXEL)

3 Megapixel Full HD Network Camera

SAM-SNB7001

- Max. 3MP resolution (2048 X 1536)
- Multiple Streaming
- H.264 & MJPEG dual codec
- Tampering Alarm, Motion Detection
- Privacy Masking, Smart codec (ROI encoding)

IP - CAMERAS (MEGAPIXEL)

3 Megapixel Full HD Network Camera

SAM-SNB7002

- 16 : 9 Full HD (1080p) resolution support
- H.264, MJPEG dual codec
- Smart compression (ROI encoding)
- Audio / Face / Motion detection
- Simple focus, UPnP, PoE, Bi-directional audio support

IP - CAMERAS (MEGAPIXEL)

3 Megapixel Full HD Weatherproof Network IR Camera

SAM-SNO70802R

- 16 : 9 Full HD (1080p) resolution support
- 3 ~ 8.5mm (2.8x) motorized varifocal lens
- H.264, MJPEG dual codec
- Smart compression (ROI encoding)
- IR LED (32ea), PoE, IP66, Bi-directional audio support

IP - CAMERAS (MEGAPIXEL)

3 Megapixel Full HD Network Dome Camera

SAM-SND7011

- 16 : 9 Full HD (1080p) resolution support
- Built-in 3mm fixed lens
- H.264, MJPEG dual codec
- Tampering• PoE

IP - CAMERAS (MEGAPIXEL)

3 Megapixel Full HD Network Camera

SAM-SND7061

- Max. 3MP resolution (2048 X 1536)
- 3~8.5mm(2.8x) vari-focal lens
- Tampering Alarm, Motion Detection
- Privacy Masking, Smart codec (ROI encoding)
- H.264 & MJPEG dual codec

IP - CAMERAS (MEGAPIXEL)

3 Megapixel Full HD Network Dome Camera

SAM-SND7082

- 16 : 9 Full HD (1080p) resolution support
- 3 ~ 8.5mm (2.8x) motorized varifocal lens
- H.264, MJPEG dual codec, Multiple streaming
- Smart compression (ROI encoding)
- Simple focus, UPnP, PoE, Bi-directional audio support

IP - CAMERAS (MEGAPIXEL)

3 Megapixel Full HD Vandal-Resistant Network Dome Camera

SAM-SNV7082

- 16 : 9 Full HD (1080p) resolution support
- 3 ~ 8.5mm (2.8x) motorized varifocal lens
- H.264, MJPEG dual codec
- Smart compression (ROI encoding)
- PoE, IP66, IK10, Bi-directional audio support

IP - CAMERAS (MEGAPIXEL)

3 Megapixel Full HD Vandal-Resistant Network IR Dome

SAM-SNV7080R

- Max. 3M (2048 x 1536) resolution
- 3 ~ 8.5mm (2.8x) motorized vari-focal lens
- PoE, SD memory, IP66, Bi-directional audio support
- Intelligent video analytics, Motion Detection, SSNRIII, SSDR
- Multiple streaming

IP - CAMERAS (MEGAPIXEL)

Full 1080p HD Network Camera

SAM-SNB6004

- 16 : 9 Full HD (1080p) resolution support
- Simple focus, P-Iris, UPnP, Defog
- PoE, Bi-directional audio support
- Multi-crop streaming
- Audio / Face / Motion detection

IP - CAMERAS (MEGAPIXEL)

Full HD 1080p Network Camera

SAM-SNB6003

- 16 : 9 Full HD (1080p) resolution support
- H.264, MJPEG dual codec, Multiple streaming
- P-Iris, UPnP, Defog
- SD/SDHC/SDXC memory slot
- PoE, Bi-directional audio support

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WiseNet III

The WiseNetIII product line features the most advanced functions from Samsung with 1080p for high definition images. Designed to meet the market needs, WiseNetIII cameras will be the standard product for the professional security industry.

SNB-6004

Full HD 1080p Network Camera

- Max. 2M (1920x1080) resolution, Full HD support
- 60fps @1920 X 1080
- Simple focus, P-Iris
- Day & Night (ICR), Enhanced DIS, Defog
- WDR (100dB, 30fps @ WDR mode)
- Built-in SD/SDHC/SDXC memory slot
- Multi-crop streaming

SND-6084

Full HD 1080p Network Dome Camera

- Max. 2M (1920x1080) resolution, Full HD support
- 60fps @1920 X 1080
- 3~8.5mm (2.8x) motorized varifocal lens
- Simple focus
- Day & Night (ICR), Enhanced DIS, Defog
- WDR (100dB, 30fps @ WDR mode)
- Built-in SD/SDHC/SDXC memory slot
- Multi-crop streaming

SND-6084R

Full HD 1080p Network IR Dome Camera

- Max. 2M (1920x1080) resolution, Full HD support
- 60fps @1920 X 1080
- 3~8.5mm (2.8x) motorized varifocal lens
- Simple focus
- Day & Night (ICR), Enhanced DIS, Defog
- WDR (100dB, 30fps @ WDR mode)
- Built-in SD/SDHC/SDXC memory slot
- Multi-crop streaming

SNV-6084R

Full HD 1080p Vandal-Resistant Network IR Dome Camera

- Max. 2M (1920x1080) resolution, Full HD support
- 60fps @1920 X 1080
- 3~8.5mm (2.8x) motorized varifocal lens
- Simple focus
- Day & Night (ICR), Enhanced DIS, Defog
- WDR (100dB, 30fps @ WDR mode)
- Built-in SD/SDHC/SDXC memory slot
- Multi-crop streaming
- IP66, IK10

SNO-6084R

Full HD 1080p Weatherproof Network IR Dome Camera

- Max. 2M (1920x1080) resolution, Full HD support
- 60fps @1920 X 1080
- 3~8.5mm (2.8x) motorized varifocal lens
- Simple focus
- Day & Night (ICR), Enhanced DIS, Defog
- WDR (100dB, 30fps @ WDR mode)
- Built-in SD/SDHC/SDXC memory slot
- Multi-crop streaming
- IP66, IK10

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877-213-1222

www.samsung-**security**.com

IP - CAMERAS (MEGAPIXEL)

Full 1080p HD Weatherproof Network IR Camera

SAM-SNO6084R

- 16 : 9 Full HD (1080p) resolution support
- 3 ~ 8.5mm (2.8x) motorized varifocal lens
- Simple focus, UPnP, Defog
- Multi-crop streaming
- IR LED (20ea), PoE, IP66, IK10, Bi-directional audio support

IP - CAMERAS (MEGAPIXEL)

Full 1080p HD Network Dome Camera

SAM-SND6084

- 16 : 9 Full HD (1080p) resolution support
- 3 ~ 8.5mm (2.8x) motorized varifocal lens
- Simple focus, UPnP, Defog
- Multi-crop streaming
- PoE, Bi-directional audio support

IP - CAMERAS (MEGAPIXEL)

Full 1080p HD Network Dome Camera

SAM-SND6083

- 16 : 9 Full HD (1080p) resolution support
- 3 ~ 8.5mm (2.8x) varifocal lens
- H.264, MJPEG dual codec, Multiple streaming
- UPnP, Defog
- PoE, Bi-directional audio support

IP - CAMERAS (MEGAPIXEL)

Full HD 1080p Network IR Dome Camera

SAM-SND6084R

- 16 : 9 Full HD (1080p) resolution support
- 3 ~ 8.5mm (2.8x) motorized varifocal lens
- H.264, MJPEG dual codec, Multiple streaming
- Simple focus, UPnP, Defog
- Bi-directional audio support, IR LED (12ea)

IP - CAMERAS (MEGAPIXEL)

HD 1080p Vandal-Resistant Network IR Dome Camera

SAM-SNV6084R

- 16 : 9 Full HD (1080p) resolution support
- 3 ~ 8.5mm (2.8x) motorized varifocal lens
- Simple focus, UPnP, Defog
- Multi-crop streaming, PoE, IP66, IK10
- Bi-directional audio support, IR LED (12ea)

IP - CAMERAS (MEGAPIXEL)

2 Megapixel Full HD 20x Network PTZ Dome Camera

SAM-SNP6200

- Max. 2M (1920 x 1080) resolution
- 16 : 9 Full HD (1080p) resolution support
- 4.45 ~ 89mm (20x) optical zoom, 8x digital zoom
- PoE plus, SD memory, Bi-directional audio support
- Smart compression (ROI encoding)

IP - CAMERAS (MEGAPIXEL)

2 Megapixel Full HD 20x Network PTZ Dome Camera

SAM-SNP6200H

- Max. 2M (1920 x 1080) resolution
- 16 : 9 Full HD (1080p) resolution support
- 4.45 ~ 89mm (20x) optical zoom, 8x digital zoom
- PoE plus, SD memory, Bi-directional audio support
- IP66, IK10

IP - CAMERAS (MEGAPIXEL)

1.3 Megapixel HD Network Camera

SAM-SNB5000 - Lens not included

- Max. 1.3M (1280 x 1024) resolution
- 16:9 HD (720p) resolution support
- H.264, MPEG-4, MJPEG multiple codec
- PoE, SD memory, bi-directional audio support
- Intelligent Video Analytics, Motion Detection

IP - CAMERAS (MEGAPIXEL)

1.3 Megapixel HD Network Camera

SAM-SNB5001

- Max. 1.3MP resolution (1280 x 1024)
- Multiple Streaming, H.264 & MJPEG dual codec
- Tampering Alarm, Motion Detection, Privacy Masking
- Day & Night (Software)

IP - CAMERAS (MEGAPIXEL)

1.3 Megapixel HD 20x Network Zoom Camera

SAM-SNZ5200

- Max. 1.3M (1280 x 1024) resolution
- 16 : 9 HD (720p) resolution support
- 4.45 ~ 89mm (20x) optical zoom, 16x digital zoom
- H.264, MPEG-4, MJPEG multiple codec
- PoE, SD memory, bi-directional audio support

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IP - CAMERAS (MEGAPIXEL)

1.3 Megapixel HD Weatherproof Network IR Camera

SAM-SNO5080R

- Max. 1.3M (1280 x 1024) resolution
- 16 : 9 HD (720p) resolution support
- 2.8 ~ 10mm (3.6x) vari-focal lens
- H.264, MPEG-4, MJPEG multiple codec
- IR LED, PoE, Intelligent Video Analytics

IP - CAMERAS (MEGAPIXEL)

1.3 Megapixel HD Network Dome Camera

SAM-SND5011

- Max. 1.3M (1280 x 1024) resolution
- Built-in 3mm fixed lens
- Multiple streaming
- Tampering
- PoE

IP - CAMERAS (MEGAPIXEL)

1.3 Megapixel HD Network Dome Camera

SAM-SND5061

- Max. 1.3MP resolution (1280 x 1024)
- 3 ~ 8.5mm(2.8x) vari-focal lens
- Tampering Alarm, Motion Detection, Privacy Masking
- H.264 & MJPEG dual codec

IP - CAMERAS (MEGAPIXEL)

1.3 Megapixel HD Vandal-Resistant Network Flat Camera

SAM-SNV5010

- Max. 1.3M (1280 x 1024) resolution
- 16 : 9 HD (720p) resolution support
- Built-in 3mm fixed lens
- Vandal-resistant IK10 rated
- Intelligent video analytics

IP - CAMERAS (MEGAPIXEL)

1.3 Megapixel HD 30x Network PTZ Dome Camera

SAM-SNP5300

- 16 : 9 HD (720p) resolution support
- 3.5 ~ 105mm (30x) optical zoom, 12x digital zoom
- H.264, MJPEG dual codec
- Multiple streaming, Intelligent video analytics
- PoE plus, SD memory, Bi-directional audio support

IP - CAMERAS (MEGAPIXEL)

1.3 Megapixel HD 30x Network PTZ Dome Camera

SAM-SNP5300H

- 16 : 9 HD (720p) resolution support
- 3.5 ~ 105mm (30x) optical zoom, 12x digital zoom
- H.264, MJPEG dual codec
- PoE plus, SD memory, Bi-directional audio support
- IP66

IP - CAMERAS (MEGAPIXEL)

1.3 Megapixel HD 20x Network PTZ Dome Camera

SAM-SNP5200

- Max. 1.3M (1280 x 1024) resolution
- 4.45 ~ 89mm (20x) optical zoom, 16x digital zoom
- H.264, MPEG-4, MJPEG multiple codec
- PoE plus, SD memory, IP66, bi-directional audio support
- Intelligent Video Analytics, Motion Detection

IP - CAMERAS (MEGAPIXEL)

1.3 Megapixel HD 20x Network PTZ Dome Camera

SAM-SNP5200H - Indoor model also available (SNP-5200)

- Max. 1.3M (1280 x 1024) resolution
- 16 : 9 HD (720p) resolution support
- Multiple streaming
- PoE plus, SD memory, IP66, Bi-directional audio support

IP - CAMERAS (MEGAPIXEL)

1.3 Megapixel HD Network Flat Camera

SAM-SND5010

- 16 : 9 HD (720p) resolution support
- Built-in 3mm fixed lens
- H.264, MJPEG dual codec
- Tampering
- PoE

IP - CAMERAS (MEGAPIXEL)

1.3Megapixel HD Vandal-Resistant IR Dome Camera

SAM-SNV5080

- Max. 1.3M (1280 x 1024) resolution
- 16 : 9 HD (720p) resolution support
- 2.8 ~ 10mm (3.6x) vari-focal lens
- Vandal-resistant IK10 rated
- Intelligent video analytics

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IP - CAMERAS (MEGAPIXEL)

1.3 Megapixel HD Vandal-Resistant IR Dome Camera

SAM-SNV5080R

- 3 ~ 8.5mm (2.8x) motorized varifocal lens
- Max. 1.3M (1280 x 1024) resolution
- Vandal-resistant IK10 rated
- H.264 / MJPEG / MPEG-4 multiple codecs
- IP66, Samsung Super Dynamic Range, Samsung Super Noise Reduction III , PoE

IP - CAMERAS

4CIF Wide Dynamic Range Network Camera

SAM-SNB3002

- Max. 30(25)fps at 4CIF resolution
- H.264, MPEG-4, MJPEG multiple codec
- Multiple streaming
- PoE, SD memory, Bi-directional audio support
- Tampering detection

IP - CAMERAS

4CIF WDR Network Dome Camera

SAM-SND3082

- Max. 30(25)fps at 4CIF resolution
- 2.8 ~ 11mm (3.9x) varifocal lens
- H.264, MPEG-4, MJPEG multiple codec
- Multiple streaming, Tampering
- PoE, SD memory, Bi-directional audio support

IP - CAMERAS

4CIF 12x Network PTZ Dome Camera

SAM-SNP3120

- Max. 30(25)fps at 4CIF resolution
- 3.69 ~ 44.32mm (12x) optical zoom, 16x digital zoom
- H.264, MPEG-4, MJPEG multiple codec
- PoE plus, SD memory, Bi-directional audio support
- Intelligent video analytics

IP - CAMERAS

4CIF Weatherproof 12x Network PTZ Dome Camera

SAM-SNP3120VH

- Max. 30(25)fps at 4CIF resolution
- 3.69 ~ 44.32mm (12x) optical zoom, 16x digital zoom
- H.264, MPEG-4, MJPEG multiple codec
- Intelligent video analytics
- PoE plus, SD memory, IP66, Bi-directional audio support

IP - CAMERAS

4CIF 30x Network PTZ Dome Camera

SAM-SNP3302

- Max. 30(25)fps at 4CIF resolution
- 3.5 ~ 105.3mm (30x) optical zoom, 16x digital zoom
- H.264, MPEG-4, MJPEG multiple codec
- Intelligent video analytics
- PoE plus, SD memory, Bi-directional audio suppor

IP - CAMERAS

4CIF 30x Network PTZ Dome Camera

SAM-SNP3302H

- Max. 30(25)fps at 4CIF resolution
- 3.5 ~ 105.3mm (30x) optical zoom, 16x digital zoom
- H.264, MPEG-4, MJPEG multiple codec
- Intelligent video analytics
- IP66, IK10

IP - CAMERAS

4CIF 37x Network PTZ Dome Camera

SAM-SNP3371TH

- Max. 30(25)fps at 4CIF resolution
- 3.5 ~ 129.5mm (37x) optical zoom, 16x digital zoom
- H.264, MPEG-4, MJPEG multiple codec
- Auto tracking
- Intelligent video analytics

IP - CAMERAS

4CIF 37x Network PTZ Dome Camera

SAM-SNP3371 - Indoor model

- Max. 30(25)fps at 4CIF resolution
- 3.5 ~ 129.5mm (37x) optical zoom, 16x digital zoom
- Intelligent video analytics
- PoE plus, SD memory
- IP66, IK10, Bi-directional audio support

IP - CAMERAS

4CIF WDR Vandal-Resistant Network Dome Camera

SAM-SNV3082

- Max. 30(25)fps at 4CIF resolution
- 2.8 ~ 11mm (3.9x) vari-focal lens
- H.264, MPEG-4, MJPEG multiple codec
- PoE, SD memory, IP66, Bi-directional audio support
- Tampering detection

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IP - CAMERAS

4CIF 12x Vandal-Resistant Network Dome Camera

SAM-SNV3120

- Max. 30(25)fps at 4CIF resolution
- 3.69 ~ 44.32mm (12x) optical zoom, 16x digital zoom
- H.264, MPEG-4, MJPEG multiple codec
- Intelligent video analytics
- PoE, SD memory, IP66, IK10, Bi-directional audio support

IP - CAMERAS

VGA Network Camera

SAM-SNB1001

- Max. 30fps at VGA resolution
- Electronic Day/Night
- Multiple Streaming
- Motion Detection, Face Detection, Privacy Masking

IP - CAMERAS

VGA Weatherproof Network IR Camera

SAM-SNO1080R

- Max. 30fps at VGA resolution
- 2.2 ~ 7.7mm (3.5x) vari-focal lens
- H.264, MJPEG dual codec
- IR LED (15ea), PoE
- Face detection

IP - CAMERAS

VGA Network Dome Camera

SAM-SND1080

- Max. 30fps at VGA resolution
- 2.2 ~ 7.7mm (3.5x) vari-focal lens
- H.264, MJPEG dual codec
- Multiple streaming
- Face detection

IP - CAMERAS

VGA Network Fixed Dome Camera

SAM-SND1011

- H.264, MJPEG Dual Encoding
- Electronic Day/Night
- Built-in 3mm fixed lens
- Motion Detection, Face Detection, SD memory, Bi-directional audio
- 12V DC / PoE (IEEE802.3af)

IP - CAMERAS

VGA Vandal-Resistant Network IR Dome Camera

SAM-SNV1080R

- Max. 30fps at VGA resolution
- 2.2 ~ 7.7mm (3.5x) varifocal lens
- H.264, MJPEG dual codec
- PoE, SD memory, IP66, IK10
- Bi-directional audio support, IR LED (12ea)

IP-RECORDING DEVICES & CONTROL EQUIPMENT

SPC-2000 Network Controller

SAM-SPC2000

- Superior system compatibility
- 3D joystick control
- Quick and easy installation

IP-RECORDING DEVICES & CONTROL EQUIPMENT

Network Video Recorder

SAM-SRN1000

- Up to 64CH support
- 100Mbps network camera recording
- H.264, MPEG-4 & MJPEG support
- VGA ~ 5 megapixel resolution
- Max 8 internal HDDs

IP - RECORDING DEVICES & CONTROL EQUIPMENT

16 Channel Network Video Recorder

SAM-SRN1670D

- Full HD resolution support
- H.264, MPEG-4, MJPEG multiple codec
- 64Mbps recording bit rate
- Local monitor output : HDMI & VGA
- Built-in 1TB HDD

IP-RECORDING DEVICES & CONTROL EQUIPMENT

4CH Network Video Recorder

SAM-SRN470D

- H.264, MJPEG dual codec, Full HD resolution support
- 4CIF high resolution images at 120fps(N), 100fps(P) in real-time
- Backup: DVD-RW, 2 USB ports, External: eSATA interface
- Local monitor output: HDMI & VGA

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xVault xNVR

:Seneca

SEN-100SERIES - Small Form Factor xNVR

- Features the 2nd generation Intel® Core™ i3 processor
- Integrated graphics processor designed for real time, HD decoding
- Ultra Small Form Factor (USFF) has optional storage up to 750GB
- Small Form Factor (SFF) can hold up to 3TB of maximum raw storage
- NVRs are custom configured and tuned for specific VMS platforms

IP - RECORDING DEVICES & CONTROL EQUIPMENT

xVault xView

:Seneca

SEN-100THROUGH300SERIES - xVault xView Series of Viewing Stations

- xView100 series supports 2nd generation Intel® Core™ i5 processor
- xView200 series supports 2nd generation Intel® Core™ i7 processor
- xView300 series supports Intel® Xeon® processor
- Multiple graphic card options supporting up to 8 video displays
- Options for desktop, pedestal, or rackmount chassis

:Seneca

BRIDGING THE GAPS BETWEEN **ANALOG AND IP**

Announcing a new line of IP technology! xVault Hybrid NVRs are purpose built appliances that support both IP and analog cameras to provide simplicity and increased network flexibility.

- Featuring the 3rd generation Intel® Core™ Processor Family
- Enables encoding, storage, management, and service of video all in a single device
- Protects our customer investment in analog equipment while providing IP capabilities

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intel inside CORE i3 | intel inside CORE i5 | intel inside CORE i7

XVAULT

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IP - RECORDING DEVICES & CONTROL EQUIPMENT

xVault xNVR Rack Mount

:Seneca

SEN-200THROUGH400SERIES -xVault xNVR 200 through 400 Series

- Features the Intel® Xeon® processor
- Certified solutions for specific VMS platforms to ensure compatibility
- Range of options from pedestal through 4U 24 bay rackmount chassis
- Up to 96TB of maximum raw storage
- Appliance specific throughput calculations used to configure systems

IP - RECORDING DEVICES & CONTROL EQUIPMENT

xVault Unified Storage

:Seneca

SEN-EXPANDABLESTORAGE - Storage Expansion

- Additional storage for xNVRs that have storage expansion capabilities
- Options for 2U 12 Bay, 3U 16 Bay, and 4U 24 Bay chassis
- Up to 96TB of additional storage

IP - RECORDING DEVICES & CONTROL EQUIPMENT

xVault Hybrid xNVR

:Seneca

SEN-HYBRID - xVault Hybrid xNVR

- Enables encoding, storage, management, and service of video
- Eliminates need for separate video encoder for a cost effective solution
- Protects customer's investment in analog equipment; provides IP benefits
- Can be deployed at remote sites eliminating costly network connections

IP - RECORDING DEVICES & CONTROL EQUIPMENT

xVault Mobile xNVR

:Seneca

SEN-MOBILE - xVault Mobile xNVR

- Configuration options of non-POE, four ports of POE, or eight ports of POE
- Designed to withstand extreme environments while maintaining performance
- In-house environmental testing including thermal, vibration, and shock
- Wireless communication for remote access to live and archived video
- Optional anti-vibration kit and AC/DC power conversion

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- All operations based in the United States
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- Full service design, production, and lifecycle services

TRANSPORTATION

- Mobile recording solutions
- Fleet management
- In-vehicle surveillance

EDUCATION

- Violence and theft prevention
- Asset protection
- Vandalism control

RETAIL

- Inventory management
- Loss prevention
- Customer traffic

SMALL SIZE, **BIG PERFORMANCE**

The xVault xView100 Viewing Station, featuring the Intel® Core™ i5 Processor, is optimized and certified with leading video management software. Certified xVault network video recorders and viewing stations ensure your IP video surveillance network performs when it is needed. **Guaranteed.**

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IP - CAMERAS

Network PTZ Camera

SONY

SON-SNCEP520

- 720x480 SD Resolution
- Triple Codec JPEG/MPEG4/H.264 with dual streaming
- 36x Optical Zoom, 340° Pan
- DEPA Technology
- HPoE, AC24V

IP - CAMERAS

Network Rapid Dome Camera

SONY

SON-SNCER520

- 720x480 SD Resolution
- Triple Codec JPEG/MPEG4/H.264 with dual streaming
- 360° Endless Pan, 36x Optical Zoom
- DEPA Technology
- HPoE, AC24V

IP - CAMERAS (MEGAPIXEL)

Network 1080p HD Fixed Camera

SON-SNCCH110

- Superior 720p HD picture quality supporting H.264 at 30 FPS - 1.3MP
- Triple Codec JPEG/MPEG4/ H.264 with dual streaming
- DEPA
- PoE
- Available in Black SNCCH110/B or Silver SNCCH110/S

IP - CAMERAS (MEGAPIXEL)

Network 1080p HD Fixed Camera

SON-SNCCH210

- Network 1080p HD
- 3.0 Megapixel Fixed Camera
- JPEG/MPEG-4/H.264 - Dual Stream Capability
- Intelligent Motion Detection, PoE
- SNCCH210/B - Black, SNCCH210/S - Silver

IP - CAMERAS (MEGAPIXEL)

Network 720p HD Bullet Camera

SONY

SON-SNCCH160

- Superior 720p HD picture quality supporting H.264 at 30 FPS - 1.3MP
- IR Illuminators and DEPA
- Triple Codec JPEG/MPEG4/H.264 with dual streaming
- IP66 Rated, PoE
- SNCCH180 available with View-DR Technology

IP - CAMERAS (MEGAPIXEL)

Network 1080p HD Bullet Camera

SONY

SON-SNCCH280

- Superior 1080p HD picture quality supporting H.264 at 30 FPS
- View DR
- DEPA Advanced
- IR Illuminators
- IP66, AC24V, DC12V, PoE

IP - CAMERAS (MEGAPIXEL)

Network 720p HD Indoor Vandal Resistant Minidome Camera

SONY

SON-SNCDH120

- Superior 720p HD picture quality supporting H.264 at 30 FPS - 1.3MP
- Triple Codec JPEG/MPEG4/H.264 with dual streaming
- Day/Night and PoE
- DEPA Technology
- SNCDH120T available with IK10 rated Vandal Dome

IP - CAMERAS (MEGAPIXEL)

Network 720p HD Minidome Camera

SONY

SON-SNCDH140

- Superior 1080p HD picture quality supporting H.264 at 30 FPS - 3MP
- Triple Codec JPEG/MPEG4/H.264 with dual streaming
- View-DR and DEPA Advanced Technology
- Day/Night, AC24V, DC12V or PoE
- SNCDH140T available with IK10 Rated Vandal Dome

IP - CAMERAS (MEGAPIXEL)

Network 720p HD Vandal-Resistant Minidome Camera

SONY

SON-SNCDH160

- Superior 720p HD picture quality supporting H.264 at 30 FPS - 1.3MP
- Triple Codec JPEG/MPEG4/H.264 with dual streaming
- IR Illuminators, Day/Night and DEPA Technology
- IP66 and IK10 Rated with Built in Heater, PoE
- SNCDH180 available with View-DR Technology

IP - CAMERAS (MEGAPIXEL)

Network 1080p HD Minidome Camera

SONY

SON-SNCDH220

- Superior 1080p HD picture quality supporting H.264 at 30 FPS - 3MP
- Triple Codec JPEG/MPEG4/ H.264with dual streaming
- Day/Night
- DEPA and PoE
- SNCDH220T available with IK10 Rated Vandal Dome

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IP - CAMERAS (MEGAPIXEL)

Network 1080p HD Minidome Camera

SONY

SON-SNCDH240

- Superior 1080p HD picture quality supporting H.264 at 30 FPS - 3MP
- Triple Codec JPEG/MPEG4/H.264 with dual streaming
- View-DR and DEPA Advanced Technology
- Day/Night, AC24V, DC12V and PoE
- SNCDH240T available with IK10 Rated Vandal Dome

IP - CAMERAS (MEGAPIXEL)

Network 1080p HD Vandal Resistant Minidome Camera

SONY

SON-SNCDH260

- Superior 1080p HD picture quality supporting H.264 at 30 FPS - 3MP
- Triple Codec JPEG/MPEG4/ H.264with dual streaming
- IR Illuminator, Day/Night and DEPA
- IP66, IK10 rated and PoE
- SNCDH280 available with View-DR Technology

IP - CAMERAS (MEGAPIXEL)

Network HD Rapid Dome Camera

SONY

SON-SNCER550

- Superior 720p HD picture quality supporting H.264 at 30 FPS - 1.3MP
- Triple Codec JPEG/MPEG4/H.264 with dual streaming
- 360° Continuous Pan, 28x Optical Zoom
- DEPA Technology
- HPoE, AC24V

IP - CAMERAS (MEGAPIXEL)

Network HD Rapid Dome Camera

SONY

SON-SNCEP550

- Superior 720p HD picture quality supporting H.264 at 30 FPS - 1.3MP
- Triple Codec JPEG/MPEG4/H.264 with dual streaming
- 28x Optical Zoom, 340° Pan
- DEPA Technology
- HPoE, AC24V

IP - CAMERAS (MEGAPIXEL)

Network HD Rapid Dome Camera

SONY

SON-SNCER580

- Superior 1080p HD picture quality supporting H.264 at 30 FPS - 3MP
- Triple Codec JPEG/MPEG4/H.264 with dual streaming
- 360° Continuous Pan, 20x Optical Zoom
- DEPA Technology, HPoE, AC24V
- SNCER550 720p HD available, SNCER520 SD Resolution available

IP - CAMERAS (MEGAPIXEL)

Network HD PTZ Camera

SONY

SON-SNCEP580

- Superior 1080p HD picture quality supporting H.264 at 30 FPS - 3MP
- Triple Codec JPEG/MPEG4/H.264 with dual streaming
- 20x Optical Zoom, 340° Pan
- DEPA Technology, HPoE, AC24V
- SNCEP550 available 720p HD, SN CEP520 available SD Resolution

IP - CAMERAS (MEGAPIXEL)

HD Rapid Dome Outdoor Camera 30x Zoom

SONY

SON-SNCER585

- Superior 1080p HD picture quality supporting H.264 at 30FPS - 3MP
- 30x Optical Zoom and 360 degree endless rotation
- Triple Codec H.264, MPEG-4 and JPEG with dual streaming
- IP66 Environmental Rating and IK10 Vandal Resistant Rating
- DEPA Video Analytics and SD Card Slot for Edge Recording

IP - CAMERAS (MEGAPIXEL)

IPELA Engine EX HD Indoor Mini-Dome

SONY

SON-SNCVM600B

- Superior HD Picture Quality Powered PoE, AC24V or DC12V
- Triple Streaming any Combination H.264/JPEG with CBR/VBR Selectable
- 30FPS H.264/JPEG At 1280X1024
- DEPA Advanced Intelligent Analytics and Sd Card Slot for Edge Recording
- True D/N, View-Dr 90Db Wide-D, XDNR Noise Reduction and Image Stabilization

IP - CAMERAS (MEGAPIXEL)

IPELA Engine EX HD Indoor Vandal Mini-Dome

SONY

SON-SNCVM601B

- Superior HD Picture Quality Powered PoE, AC24V or DC12V
- Triple Streaming Any Combination H.264/JPEG with CBR/VBR Selectable
- 30FPS H.264/JPEG At 1280X1024
- DEPA Advanced Intelligent Analytics and SD Card Slot for Edge Recording
- True D/N, View-Dr 90DB Wide-D, XDNR Noise Reduction and Image Stabilization

IP - CAMERAS (MEGAPIXEL)

IPELA Engine EX HD Indoor Mini-Dome

SONY

SON-SNCVM600

- Superior HD Picture Quality Powered PoE, Ac24V or Dc12V
- Triple Streaming Any Combination H.264/JPEG with CBR/VBR Selectable
- 60FPS H.264/JPEG at 1280X1024. 30FPS on Triple Stream
- DEPA Advanced Intelligent Analytics and SD Card Slot for Edge Recording
- View-Dr 90Db Wide-D, XDNR Noise Reduction and Image Stabilization

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IP - CAMERAS (MEGAPIXEL)

IPELA Engine EX HD Indoor Vandal Mini-Dome

SONY

SON-SNCVM601

- Superior HD Picture Quality Powered PoE, AC24V or DC12V
- Triple Streaming Any Combination H.264/JPEG with CBR/VBR selectable
- 60FPS H.264/JPEG At 1280X1024. 30FPS on Triple Stream
- Depa Advanced Intelligent Analytics and SD Card Slot for Edge Recording
- View-Dr 90Db Wide-D, XDNR Noise Reduction and Image Stabilization

IP - CAMERAS (MEGAPIXEL)

IPELA Engine EX HD Fixed Camera

SONY

SON-SNCVB600B

- Superior HD Picture Quality Powered PoE, AC24V or DC12V
- Triple Streaming Any Combination H.264/JPEG with CBR/VBR selectable
- 30FPS H.264/JPEG at 1280X1024
- Depa Advanced Intelligent Analytics a and SD Card Slot for Edge Recording
- View-Dr 90Db Wide-D, XDNR Noise Reduction and Image Stabilization

IP - CAMERAS (MEGAPIXEL)

IPELA Engine EX 1080P Indoor Vandal Mini-Dome

SONY

SON-SNCVM631

- Superior 1080P HD Picture Quality Powered PoE, AC24V or DC12V
- Triple Streaming any combination H.264/JPEG with CBR/VBR Selectable
- 60FPS H.264 at 1920X1080, 60FPS JPEG at 1280X720. 30FPS On Triple Stream
- Depa Advanced Intelligent Analytics and SD Card Slot for Edge Recording
- True D/N, View-Dr 90DB Wide-D, XDNR Noise Reduction and Image Stabilization

IP - CAMERAS (MEGAPIXEL)

IPELA Engine EX 1080P Indoor Vandal Mini-Dome

SONY

SON-SNCVM630

- Superior 1080P HD Picture Quality Powered PoE, AC24V or DC12V
- Triple Streaming any combination H.264/JPEG with CBR/VBR Selectable
- 60FPS H.264 At 1920X1080, 60FPS JPEG at 1280X720. 30FPS on Triple Stream
- Depa Advanced Intelligent Analytics and SD Card Slot for Edge Recording
- True D/N, View-Dr 90DB Wide-D, XDNR Noise Reduction and Image Stabilization

IP - CAMERAS (MEGAPIXEL)

IPELA Engine EX HD Fixed Camera

SONY

SON-SNCVB600

- Superior Hd Picture Quality Powered PoE, Ac24V Or Dc12V
- Triple Streaming Any Combination H.264/JPEG With CBR/VBR Selectable
- 60FPS H.264/JPEG At 1280X 1024. 30FPS On Triple Stream
- Depa Advanced Intelligent Analytics And Sd Card Slot For Edge Recording
- View-Dr 90Db Wide-D, Xdnr Noise Reduction & Image Stabilization

IP - CAMERAS (MEGAPIXEL)

IPELA Engine EX 1080P Fixed Camera

SONY

SON-SNCVB630

- Superior 1080p HD Picture Quality powered PoE, AC24V or DC12V
- Triple Streaming any combination H.264/JPEG with CBR/VBR selectable
- 60FPS H.264 at 1920x1080, 60FPS JPEG at 1280x720. 30FPS on Triple Stream
- DEPA Advanced Intelligent Analytics and SD Card slot for Edge Recording
- VIEW-DR 90db Wide-D, XDNR Noise Reduction & Image Stabilization

IP - CAMERAS (MEGAPIXEL)

Network HD Mini Dome Camera

SONY

SON-SNCDH110T

- Superior 720p HD picture quality supporting H.264 at 30 FPS - 1.3MP
- Triple Codec JPEG/MPEG4/ H.264 with dual streaming
- DEPA Technology
- IK10 Rating, PoE
- Available in White, SNCDH110T/W or Black, SNCDH110T/B

IP - CAMERAS (MEGAPIXEL)

Network HD Mini Dome Camera

SONY

SON-SNCDH210T

- Superior 1080p HD picture quality supporting H.264 at 30 FPS - 3MP
- Triple Codec JPEG/MPEG4/ H.264 with dual streaming
- DEPA Technology
- IK10 Rating, PoE
- Available in White, SNCDH210T/W or Black, SNCDH210T/B

IP - CAMERAS (MEGAPIXEL)

HD Rapid Dome Outdoor Camera HPoE or AC24V

SONY

SON-UNIONER580C7

- Superior 1080p HD picture quality supporting H.264 at 30 FPS - 3MP
- Triple Codec JPEG/MPEG4/H.264 with dual streaming• 360° Endless Rotation, HPoE, DEPA Technology, Day/Night
- UNIONER550C7, 720p Resolution - UNIOONER520C7, SD Resolution
- ER520, 36x Optical Zoom - ER550, 28x Optical Zoom - ER580, 20x Optical Zoom

IP - CAMERAS (MEGAPIXEL)

HD PTZ Outdoor Camera with HPoE or AC24V

SONY

SON-UNIONEP580C7

- Superior 1080P Hd Picture Quality Supporting H.264 At 30 FPS - 3Mp
- Triple Codec JPEG/Mpeg4/H.264 With Dual Streaming
- 340° Pan, Ac24V, Depa Technology, Day/Night
- Unionep550C2 - 720P Hd Resolution, Unionep520C2 - Sd Resolution
- Er520, 36X Optical Zoom - Er550, 28X Optical Zoom - Er580, 20X Optical Zoom

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IP - CAMERAS (MEGAPIXEL)

1080p OnSIP Outdoor 20x PTZ IP Camera

SPT-02PTZ22D5W

- Triple-codec (H.264 & MPEG4, MJPEG). Multi profile (5) streaming
- IP + analog (hybrid) feature simultaneous control via RS-485 and IP network
- Optical: 20x optical zoom (F = 4.7-94mm) Digital: 12x (240x with optical)
- 2-way audio communication. IP66 compliant
- PoE (IEEE802.3at). SD card slot (card not included). OnVIF support

IP - CAMERAS (MEGAPIXEL)

2.0 Megapixel Dome IP IR Camera with SD Card Slot

SPT-02S1 - 4.3mm lens, F2.5

- Dual-codec (H.264 & MJPEG). IR LED & PT integrated
- Two-way audio communication at camera location or through app
- Multi-profile streaming,up to 5 streams of different resolutions & frames
- Built in microphone & speaker
- Digital PTZ, video crop
- SD card storage

IP - CAMERAS (MEGAPIXEL)

1080p OnSIP Indoor 20x PTZ IP Camera

SPT-02PTZ34D5W

- Triple-codec (H.264 & MPEG4, MJPEG). Multi (5) profile streaming
- IP + analog (hybrid) feature simultaneous control via RS-485 and IP network
- 2-way audio communication. PoE (IEEE802.3at)
- SD card slot (card not included). ONVIF support

IP - CAMERAS (MEGAPIXEL)

2MP Indoor PoE & Wireless Cube Cameras

SPT-VIP2C1P - PoE Version
SPT-VIP2C1N - Wireless Version

- 2.6mm lens. HD megapixel resoluton supported
- Triple compression (H.264, MPEG4, MJPEG) Triple streaming
- Micro SD slot. 2DNR (2 dimensional noise reduction)
- BLC (backlight compensation)
- ONVIF support
- Cross web-browsing

IP - CAMERAS (MEGAPIXEL)

1080p Indoor/Outdoor IP PoE Bullet with Heater

SPT-VIP2B1M

- Full-HD 1080p resolution supported. 3-9mm, F1.2 Varifocal motorized lens
- Multiple compression (H.264, MPEG4, MJPEG)
- Triple streaming. Cross web-browsing
- 2DNR (2 dimensional noise reduction). Day/Night (IR cut filter)
- Micro SD slot. ONVIF support.

IP - CAMERAS (MEGAPIXEL)

1080p Indoor IP PoE Dome with Motorized Zoon

SPT-VIP2D1M

- Full-HD 1080p resolution supported
- Multiple compression (H.264, MPEG4, MJPEG) Triple streaming
- Cross web-browsing. Smart-Focus. Day/Night (IR cut filter)
- PoE IEEE802.3af. OnVIF support
- Micro SD slot (card not included). BLC (backlight compensation)

IP - CAMERAS (MEGAPIXEL)

1080p PoE Indoor/Outdoor Motorized Zoom IP Camera

SPT-VIP2D2M

- Megapixel 3-9mm, F1.2 varifocal motorized lens
- Full-HD 1080p resolution supported. PoE IEEE802.3af
- Smart-Focus. Day/Night (IR cut filter)
- 2-way audio communication. Micro SD slot (card not included)
- Digital Deterrent™. ONVIF support

IP - CAMERAS (MEGAPIXEL)

1080p Day/Night Indoor Dome IP Camera w/ Micro SD

SPT-02DP8

- Dual-codec (H.264 and MJPEG)
- Progressive scan megapixel (2.0M CMOS)
- Multi-profile streaming; up to 5 streams-diff codec, resolution, frame rate
- Built-in standard PoE. 2 way Audio Communication
- Digital PTZ, video crop. Analog video output (CVBS)

IP - CAMERAS (MEGAPIXEL)

WiFi 1080p Indoor IP Mini-Dome Camera with PoE

SPT-VIP2P1N

- Full HD 1080p resolution
- WiFi - IEEE802.11 (b/g/n). PoE IEEE802.3af. Triple streaming
- Multiple compression (H.264, MPEG4, MJPEG). OnVIF support
- Cross web browsing, motion adaptive transmission. Event buffering
- 2DNR, micro sd card slot, FTP image upload

IP - CAMERAS

OnSIP IP Indoor/Outdoor Turret Camera

SPT-0IPC22T7G - 4.3mm fixed lens

- Dual Codec (H.264 & MJPEG)
- Multi-profile streaming (Up to 3 streams)
- Robust design
- Convenient installation

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IP - CAMERAS

1080p Day/Night Indoor/ Outdoor Dome IP Camera

speco technologies

SPT-O2D4 - 3.6-16mm auto iris varifocal lens

- With Micro SD Card slot
- Dual-codec (H.264 & MJPEG)
- Multi-profile streaming - up to 5 streams
- Built-in standard PoE
- 2-way audio communication

IP - CAMERAS

OnSIP IP Intensifier3™ Indoor/Outdoor Turret Camera

speco technologies

SPT-OINT03D1G - 2.8-12mm DC auto iris varifocal lens, grey housing

- 650 lines of colour resolution
- Minimum illumination 0.00002 lux (Intensifier3™ @ 512x)
- Dual Codec (H.264 & MJPEG)
- External controls for zoom & focus
- Multi-profile streaming; up to 5 streams different resolutions, frame rate, codec

IP - CAMERAS

OnSIP IP Intensifier3™ Indoor/Outdoor Bullet

speco technologies

SPT-OINT56B1G - 2.8-12mm auto iris varifocal lens, grey housing

- 650 lines colour resolution; Minimum illumination 0.00002 lux (Intensifier3™ @ 512x)
- Dual Codec (H.264 & MJPEG) profile (5) streaming
- Digital PTZ, video crop. Relay outputs for motion detection
- CVBS output

IP - RECORDING DEVICES & CONTROL EQUIPMENT

16 Channel PC Server with Intelligent Analytics

speco technologies

SPT-DVRPC16T1TB - 1TB **SPT-DVRPC16T2TB** - 2TB
SPT-DVRPC16T4TB - 4TB **SPT-DVRPC16T6TB** - 6TB

- True Hybrid DVR provides IP camera support on most popular brands
- 480 fps total recording configurable to divide across 16 channels
- Supports POS integration & Digital Deterrent™
- Advanced programmable motion detection with video analytics
- Up To Total 42 Megapixel Resolution For All IP Camera Channels

IP - RECORDING DEVICES & CONTROL EQUIPMENT

Plug & Play NVR with Built-in PoE

speco technologies

SPT-WNSP - Wall Mount Version **SPT-NSP** - Desktop Version

- Plug-and-play feature with Speco's OnSIP/VIP cameras. ONVIF support
- Dual network ports for isolating IP camera network traffic & remote network
- Supports all H.264 compression profiles (baseline, main and high)
- Digital Deterrent™ for triggering audio message via motion
- Free DDNS server. 2-way audio communication

IP - RECORDING DEVICES & CONTROL EQUIPMENT

Plug & Play NVR with EZ Camera/Auto Detection

speco technologies

SPT-N4NS - 4 Channel **SPT-N8NS** - 8 Channel

- Plug & play with Speco's OnSIP/VIP cameras
- Supports wireless access point for viewing & configuration. ONVIF support
- Full HD (1920 x 1080) recording & playback. 2-way audio communication
- Dual network ports for isolating IP camera network traffic & remote network
- HDD storage available from 500GB to 9TB

IP - RECORDING DEVICES & CONTROL EQUIPMENT

4 Channel Wall Mount NVR Server w/ Built-in POE

speco technologies

SPT-NVRWP4P

- 4 IP (video & audio) CHs. Up to 2.3 MegaPixel (1920x1200)
- IP video streams: H.264, MPEG4, MJPEG. Supports 50+ IP camera brands
- IEEE 802.3af power over ethernet. 48VDC/1.25A
- 4x10/100 Mpbs RJ-45 ports for powering IP cameras

IP - RECORDING DEVICES & CONTROL EQUIPMENT

4 Channel IP Camera NVR Server

speco technologies

SPT-NVRWP4 - Wall Mount Version
SPT-NVRP4 - Desktop Version

- Offers a VGA output for a local monitor connection in 1024 x 768 resolution
- 4 IP (video + audio) CHs - Up to 2.3 MegaPixel (1920 x 1200)
- Supports 50+ IP camera brands. No licensing fees
- EMAPS (8) showcasing camera, sensor and relay positions
- User Access: up to 4 concurrent users

IP - RECORDING DEVICES & CONTROL EQUIPMENT

5 Port 10/100 Ethernet Switch with 4 ports

speco technologies

SPT-POE4SW

- 5x 10/100 Mbbps auto MDIX RJ-45 ports with 4-port POE enabled ports
- 110VAC to 240VAC power adaptor included
- Protocol: CSMA/CD

IP - TRANSMISSION

Dual Codec H.264 & MJPEG IP Video Server w/SD Slot

speco technologies

SPT-OS101 - IP Video Server

- Multi-profile streaming - up to 5 streams of resolution, codecs, etc
- Built-in standard PoE (IEEE802.11at)
- Small form factor -ultra compact design
- Power output (12v) for analog camera (power cable provided)
- Video output: BNC and Balun

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MONITOR MOUNTS

Sequence TV Mounts

STN-720115 - Large Articulating TV Mount

- VESA sizes up to 800x500
- TV Sizes 42" to 65"
- High load capacity up to 132lbs (75kg)
- cULus Listed

MONITOR MOUNTS

Sequence TV Mounts

STN-720215 - Large Tilt TV Mount

- VESA sizes up to 800x600
- TV Sizes 42" to 65"
- -5° to +15° Tilt Range
- cULus Listed

TRANSMISSION

Ethernet over Power Adapter Kit

STN-BL999POE

- Provides secure transmission of network signals over existing AC wires
- Easy 1 button security key, no codes to remember
- Kit provides receiver and transmission units to plug into existing outlets

WIRELESS

Wireless HDMI® System

STN-BLWRLHDMI - Wireless HDMI® Extender, Transmitter and Receiver

- Wirelessly sends HDMI® signals from source to TV within a single room
- Perfect for when wires cannot be run
- Provides full 1080p video and audio

TRANSMISSION

HDMI® Over Cat5e Extender

STN-BL526051 - HDMI® over Cat5e/Cat6 (Active)

- Extends HDMI® audio/video signals through two Cat5e/6 cables
- Cat5e up to 200ft for 1080p resolution
- Cat6 up to 250ft for 1080p resolution
- HDMI® High-Speed Certified, HDCP compliant, 3D compatible
- Power and active signal LEDs

DATA COMMUNICATIONS

Patch Panels

STN-310324 - Cat5e Loaded Patch Panels

- Cat5e UL Verified and Listed patch panel
- High-reliability printed-circuit board design
- 110-Termination 22-26 AWG tin-lead contact
- UL94V-0 Black ABS modular jack banks
- Available in 24, 48 or 96 port versions

DATA COMMUNICATIONS

Flush-Mold Booted Cat5e Cords

STN-308603 to 308600 - 3' to 100' Cat5e UTP Molded Patch Cords

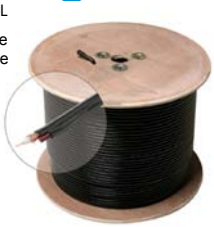
- Flush, mold-injected booted snagless Cat5e patch cords
- 4-Pair 24AWG-stranded copper UTP cable
- Exceeds EIA/TIA 568B
- UL/cUL Listed / NEC Type CM

WIRE

CCTV Coaxial Cable

STN-200915BK - 500' RG59 + 18/2 CCTV UL

- 500' RG59 Coaxial CCTV-cam cable with 2-conductor power-limited cable
- 20 AWG Solid copper center conductor
- Copper braid shield, 95% coverage
- 2-Conductor 18 AWG stranded copper
- Listed, NEC type CM, CL3 in black or white



WIRE

Baseline Cat5e UTP Bulk Cable

STN-13908 to 13915 - 1000' 24/4Pr Cat5e UTP UL CMR, Pull Box

- Cat5e unshielded twisted pair (UTP) cable swept to 350MHz
- Solid annealed bare copper conductors
- Suitable for indoor installations
- Exceeds EIA/TIA 568, UL, CSA and ISO/IEC 11801 specifications
- UL/cUL Listed / NEC Type CMR (Riser)

WIRE

Cat6 UTP Bulk Cable

STN-300789 - 1000' 23/4pr Cat6 UTP UL CMR or CMP

- Cat6 unshielded twisted pair (UTP) cable swept to 550MHz
- 23AWG Solid annealed bare copper conductors
- Suitable for indoor installations
- Exceeds EIA/TIA 568, UL, CSA and ISO/IEC 11801 specifications
- UL/cUL/ETL Listed / NEC Type CMR (Riser) & CMP (Plenum)

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INTERCOMS

IP Network Intercom Exchange

TOA-N8000EX

- 10/100 Base-TX Ethernet network connection
- Occupies one network node (192 max.)
- Sixteen-station capacity
- Speech links: 4 internal/ 8 external
- Two audio paging outputs, Two relay outputs

INTERCOMS

Multi Interface Unit

TOA-N8000MI

- 10/100 Base-TX Ethernet network connection
- Occupies one network node (192 max.)
- Audio Inputs / Outputs for BGM, External Tone or Paging
- Sixteen contact inputs and sixteen relay outputs
- Telephone Interface (E&M type), two channels

INTERCOMS

Sub Station Interface Unit

TOA-N8000RS

- 10/100 Base-TX Ethernet network connection
- Occupies one network node (192 max.)
- Up to 16 substations connectable using two-core shielded cable
- Speech links: 2

INTERCOMS

C/O Interface Unit

TOA-N8000CO

- 10/100 Base-TX Ethernet network connection
- Occupies one network node (192 max.)
- Analog central office line circuit allowing the stations to make and receive calls to and from the telephone line

INTERCOMS

Audio Interface Unit

TOA-N8000AF

- 10/100 Base-TX Ethernet network connection
- Occupies one network node (192 max.)
- Eight contact inputs and eight contact outputs
- Time synchronization input
- Built-in timer and chime for time scheduling

INTERCOMS

Standard Hands-Free Master Station

TOA-N8011MS

- Hands-free duplex communication
- Two-wire connection to N-8000EX or N-8010EX Exchange
- Headset terminal
- External speaker terminal (0.6 W / 8 ohms)
- Optional wall-mount bracket, model YC-290

INTERCOMS

IP Door Station

TOA-N8640DS

- Hands-free duplex communication
- Connects directly to network (10/100Base TX)
- Occupies one network node (192 max.)
- Power-over-Ethernet compatible or optional power supply, model AD-1210P
- IP65 rated, 5 control outputs and 1 control input

INTERCOMS

IP Master Station

TOA-N8600MS

- Connects directly to network (10/100Base TX)
- Occupies one network node (192 max.)
- Power-over-Ethernet compatible or optional power supply, model AD-1210P
- External speaker output
- Full duplex conversation (most stations)

INTERCOMS

Switch Panel

TOA-RS140

- Call button and privacy button
- Talk back conversation
- Prevents in-coming call by pushing a privacy switch
- Handset conversation available by using RS-141 with RS-140 Switch Panel
- Hands-free conversation with master station by connecting a high impedance speaker

INTERCOMS

Substation

TOA-RS180

- Provides half-duplex communication
- Heavy-duty brushed stainless steel faceplate
- Red vandal resistant call button
- Control output - open collector type for external relay control
- Weather resistant conformal printed circuit board coating

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TRENDnet®

Networks People Trust™

Surveillance solutions. Network solutions.

PoE Solutions. TRENDnet.

Power over Ethernet (PoE)

Tri-Ed# : TRE-TPE224WS / TRENDnet # : TPE-224WS
24-Port 10/100Mbps Web Smart PoE Switch with 4 Gigabit Ports and 2 Shared Mini-GBIC Slots
- Reduces equipment cost by delivering data and power over existing network cables
- 24 x PoE 10/100Mbps ports, 4 x Gigabit Auto-MDIX ports and 2 x shared Mini-GBIC slots

Tri-Ed# : TRE-TPES44 / TRENDnet # : TPE-S44
8-Port PoE Fast Ethernet Switch
- 30 watts maximum power to PoE ports
- 4 PoE and 4 standard 10/100Mbps ports

Tri-Ed# : TRE-TPET80 / TRENDnet # : TPE-T80
8-Port 30 Watt 10/100Mbps PoE+ Switch
- 30 watts per PoE+ port
- 8 x 10/100Mbps PoE+ ports
- 240 watts maximum power to PoE ports

Tri-Ed# : TRE-TPE113GI / TRENDnet # : TPE-113GI
Gigabit Power over Ethernet (PoE) Injector
- Full Duplex Gigabit speeds supported
- Use non-PoE switches to network PoE devices at distances of up to 100 meters (328 feet)

Tri-Ed# : TRE-TPET160 / TRENDnet # : TPE-T160
16-Port 30 Watt 10/100Mbps PoE+ Switch
- 30 watts per PoE+ port
- 16 x 10/100Mbps PoE+ ports
- 480 watts maximum power to PoE ports

Tri-Ed# : TRE-TPE114GS / TRENDnet # : TPE-114GS
Gigabit Power over Ethernet (PoE) Splitter
- Used to install a non-PoE device in remote locations
- Splits a networked PoE signal into separate power and Gigabit data sources

Switches

Tri-Ed# : TRE-TEGS16G / TRENDnet # : TEG-S16G
16-Port Gigabit GREENnet Switch
- GREENnet technology reduces power consumption by up to 70%
- 16 x Gigabit Auto-MDIX RJ-45 ports

Tri-Ed# : TRE-TEG160WS / TRENDnet # : TEG-160WS
16-port Gigabit Web Smart Switch w/ 2 Shared Mini-GBIC Slots
- Provides SNMP (v1), IEEE 802.1X and STP support
- 32Gbps switching capacity

Tri-Ed# : TRE-TEGS50G / TRENDnet # : TEG-S50G
5-Port Gigabit GREENnet Switch
- GREENnet technology reduces power consumption by up to 70%*
- 5 x Gigabit Auto-Negotiation ports

Tri-Ed# : TRE-TE100S5 / TRENDnet # : TE100-S5
5-Port 10/100Mbps Fast Ethernet Switch
- Build a reliable Fast Ethernet network in minutes
- Auto-Negotiation optimizes networking speeds for all 5 ports

Tri-Ed# : TRE-TEGS80G / TRENDnet # : TEG-S80G
8-Port Gigabit GREENnet Switch
- GREENnet technology reduces power consumption by up to 70%*
- 8 x Gigabit Auto-Negotiation ports

Tri-Ed# : TRE-TE100S8 / TRENDnet # : TE100-S8
8-Port 10/100Mbps Fast Ethernet Switch
- Easy Plug and Play installation
- Auto-Negotiation optimizes networking speeds for all 8 ports

Internet Cameras

Tri-Ed# : TRE-TVIP262P / TRENDnet #: TV-IP262P
Megapixel PoE Dome Internet Camera
- Megapixel resolution with H.264 compression
- Tamper resistant interior wall and ceiling mount applications

Tri-Ed# : TRE-TVIP262PI / TRENDnet # : TV-IP262PI
Megapixel PoE Day / Night Dome Internet Camera
- Indoor night vision for up to 12 m (40 ft.)
- Megapixel resolution with H.264 compression

Tri-Ed# : TRE-TVIP252P / TRENDnet #: TV-IP252P
PoE Dome Internet Camera
- Pan and tilt adjustable fixed position camera
- No need to install this camera near a power source, power and data are received through a single Ethernet cable

Wireless

Tri-Ed# : TRE-TEW812DRU / TRENDnet #: TEW-812DRU
AC1750 Dual Band Wireless Router
- 1750 Mbps total wireless: 1300 Mbps AC + 450 Mbps N bands
- Share music and videos with the USB share port

Tri-Ed# : TRE-TEW805UB / TRENDnet # : TEW-805UB
AC1200 Dual Band Wireless USB Adapter
- Upgrade your computer to revolutionary 867 Mbps Wireless AC
- Connect to a Wireless N network at up to 300 Mbps

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IP - TRANSMISSION

MaxiiCopper™ Coax Ethernet Extender

VIGITRON

VIG-Vi2401 - Single Port **VIG-VI2404A** - 4-Port
VIG-VI2408A - 8-Port **VIG-VI2416A** - 16-Port

- Extends full duplex/full speed Ethernet over existing Coax up to 5,000'
- Avoids rewiring and expense of traditional Ethernet network equipment
- Excellent for high network bandwidth requirements of Mega-pixel cameras
- No IP address programming or other networking setup required
- 30W Pass-through PoE with LED Indicators

IP - TRANSMISSION

MaxiiCopper™ UTP Ethernet Extender

VIGITRON

VIG-Vi2301A - Single Port **VIG-Vi2304A** - 4-Port
VIG-Vi2308A - 8-Port **VIG-Vi2316A** - 16-Port

- Extends Ethernet over UTP up to 3,000'
- Extends full duplex / high speed Ethernet over 1 or 4-pair UTP
- Compatible and fully transparent to all Ethernet networks
- No IP address programming or other networking setup required
- 60W Pass-through PoE, LED indicators provide link status and data rate

IP - TRANSMISSION

Maxiipower™ Managed Coax Extended PoE Midspan

VIGITRON

VIG-Vi2608 - 8-Port **VIG-Vi2616** - 16-Port

- Delivers up to 30W per port, aggregated 600W (Vi2616)
- Extends Ethernet and PoE over coax cables up to 1,800'
- Compliant with IEEE 802.3at and 802.3af PoE standards
- Easy plug and play installation with automatic detection and protection
- Fully manageable with powerful interface over the network or local USB

IP - TRANSMISSION

MaxiiPower™ Managed UTP Extended PoE Midspan

VIGITRON

VIG-Vi2508 - 8-Port **VIG-Vi2516** - 16-Port

- Delivers up to 37W per port, aggregated 600W (Vi2516A)
- Compliant with IEEE 802.3at and 802.3af, 4 ports can deliver up to 74W each
- Extends Ethernet and PoE over UTP up to 3,000'
- Easy plug and play installation with automatic detection and protection
- Fully manageable with powerful and user friendly interface over the network

IP - TRANSMISSION

MaxiiCollector™ PoE Switch W/ Extended UTP/Coax Uplink

VIGITRON

VIG-Vi2804P

- 4-port 10/100BaseT Ethernet switch with extended uplink over UTP and Coax
- Extends uplink port up to 3,000' over UTP or 5,000' over Coax cables
- Fixed managed switch, no IP address programming required
- Provides up to 30W/port PoE when is used with Vi1120, 60W power supply
- Each 2 ports can be combined to provide up to 68W PoE

TRANSMISSION

Long-Range Active UTP Receiver Hub with AVC

VIGITRON

VIG-Vi6204 - 4 Channel **VIG-Vi6308** - 8 Channel
VIG-Vi6316 - 16 Channel **VIG-Vi6332** - 32 Channel

- Real-time, adjustment-free (AVC™) high quality video up to 6,000'
- Full ground loop immunity & built-in surge protection
- Includes 8, 16 or 32 two-foot coax jumper cables
- Terminal Blocks or RJ-45 connectors for UTP connection
- Lifetime warranty

TRANSMISSION

Powered VPD Combiner-Passive Transceiver Hub

VIGITRON

VIG-Vi1508 - 8 Channel **VIG-VI1516** - 16 Channel

- Combines Video-Power-Data on a single Cat-5, with passive UTP transceiver
- 1A, 24V/28V per port, individually selectable isolated camera power outputs
- 12 A aggregated output with resettable fuses and easy access glass fuses
- Includes 8 or 16 two-foot coax jumper cables
- Limited lifetime warranty

TRANSMISSION

Video Balun with Ground Isolation

VIGITRON

VIG-Vi1062

- Prevents ground loop and provides quality video over 750 feet of UTP
- Supports "up-the-coax" type signals
- Excellent cross talk and noise immunity w/ built-in surge protection
- Compact size and easy installation
- Limited lifetime warranty

IP - POWER OVER ETHERNET

ViewMate™ IP Camera Setup and PoE Tester Tool

VIGITRON

VIG-Vi0021

- Patent pending design provides an easy way to test PoE and setup IP cameras
- Accurately measures the POE voltage and power at the camera
- Uses PoE power and is compatible with PoE standards up to 60W
- 10/100BASE-T compliant with integrated crossover Ethernet port
- It is low cost, easy to use and speeds up IP camera installations

IP - POWER OVER ETHERNET

MaxiiPower™ Managed 60 W PoE Midspan

VIGITRON

VIG-Vi2208A - 8 Port **VIG-Vi2216A** - 16 Port

- Delivers up to 37W per port, aggregated 600W
- Compliant with IEEE 802.3at and 802.3af, 4 ports can deliver up to 74W each
- Easy plug and play installation with automatic detection and protection
- Reliable power over existing Ethernet infrastructure
- Fully manageable with powerful and user friendly interface over the network or local USB

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IP - CAMERAS (MEGAPIXEL)

1.3MP Vandal-Proof 5M IR Ultra-mini Dome Camera

VIV-FD8151V

- 100mm x 55mm black casing, 2.5mm & 4mm lens options, PoE
- True Day & Night w/IR Cut Filter & Built-In IR Illumination to 5 Meters
- 1.3MP, H.264, 30 fps @ 1280x1024, Built in Microphone, ONVIF
- MicroSD/SDHC/SDXC Card Slot for Onboard Storage, Digital Input, ePTZ
- Vandal-proof IK10-rated metal housing

IP - CAMERAS (MEGAPIXEL)

1MP Outdoor Vandal-Proof 10M IR Dome Camera

VIV-FD8134V

- 1-Megapixel (1280x800) or 720p (1280x720) Resolution @ 30 fps, 3.6 mm Lens
- True Day & Night w/IR Cut Filter & Built-In IR Illumination to 10 Meters
- Vandal-proof IK10-rated and Weather-proof IP66-rated Housing
- Built-in MicroSD/SDHC Card Slot for On-board Storage, H.264, PoE, ONVIF
- 3-Axis Design for Ceiling or Wall Mount

IP - CAMERAS (MEGAPIXEL)

5MP Outdoor 360° Fisheye Day/Night WDR Dome Camera

VIV-FE8172V

- 5 MP, 30 fps @ 1080p Full HD, WDR, Day & Night w/Removable IR-cut Filter
- 1.05 mm Fisheye Lens for 180° Panoramic View and 360° Surround View
- Vandal-proof IK10 & Weather-proof IP66 -rated Housing, Mobile EN50155-rated
- H.264, PoE, Full Duplex Audio, Pixel Calculator, ePTZ, ONVIF
- MicroSD/SDHC/SDXC Card Slot for Onboard Storage, Indoor version available

IP - CAMERAS (MEGAPIXEL)

2MP Outdoor Vandal-Proof 20M IR Dome Camera

VIV-FD8361L

- 2-Megapixel (1600x1200) max resolution, 3 ~ 9 mm Vari-focal, Auto-iris Lens
- True Day & Night w/IR Cut Filter & Built-In IR Illumination to 20 Meters
- Vandal-proof IK10-rated and Weather-proof IP66-rated Housing
- Built-in MicroSD/SDHC Card Slot for On-board Storage, H.264, ONVIF
- PoE Powered Heater and Fan, 3-Axis Design for Ceiling or Wall Mount

IP - CAMERAS (MEGAPIXEL)

2MP Outdoor Day/Night 25M IR Bullet Camera

VIV-IP8361

- 2MP, 30 fps @ 1080p Full HD, 3 ~ 9 mm Vari-focal, Auto-iris Lens, H.264
- True Day & Night w/IR Cut Filter & Built-In IR Illumination to 25 Meters
- IP67 Weatherproof Housing, PoE, ONVIF
- Built-in SD/SDHC/SDXC Card Slot for On-board Storage
- Mounting Bracket with Cable Management for Protected Installation

IP - CAMERAS (MEGAPIXEL)

5MP Outdoor Smart Focus 30M IR Bullet Camera

VIV-IP8372

- 5MP, 30 fps @ 1080p Full HD, 3.79~9 mm Vari-focal, Auto-iris Lens, H.264
- True Day & Night w/IR Cut Filter & Built-In IR Illumination to 30 Meters
- Weather-proof IP67-rated Housing, WDR, Smart Focus System for Remote
- Built-in SD/SDHC/SDXC Card Slot for On-board Storage, PoE, ONVIF
- Mounting Bracket with Cable Management for Protected Installation

IP - CAMERAS (MEGAPIXEL)

5MP Outdoor Remote Focus WDR 20M IR Dome Camera

VIV-FD8372

- 5 MP, 30 fps @ 1080p, 3.6 ~ 9 mm Vari-focal, DC-iris Lens, H.264
- Day & Night w/Removable IR-cut Filter & IR Illuminators to 20 Meters, WDR
- IK10 Vandal-proof & IP66 Weather-proof Housing, PoE
- Smart Focus System for Remote and Precise Adjustment
- MicroSD/SDHC/SDXC Card Slot for Onboard Storage, ONVIF

IP - CAMERAS (MEGAPIXEL)

1080p 20X Zoom Outdoor PTZ Speed Dome Camera

VIV-SD8362E

- 30 fps @ 1080p Full HD, 60 fps @ 720p, True Day & Night w/IR Cut Filter
- 20X Optical Zoom Lens: 4.7-94 mm, Auto Focus, Auto-Iris, WDR Pro
- IP66 Outdoor Housing, Wide Temperature Range -40° to 55°C (-40° to 131°F)
- Heater & Fan powered by 24V AC, camera powered by PoE Plus
- MicroSD/SDHC Card Slot for On-board Storage, 2-Way Audio, I/O, Audio Alert

IP - CAMERAS (MEGAPIXEL)

1MP H.264 Indoor Ultra Mini Dome Camera

VIV-FD8136

- 90 mm diameter, Black or White Casing
- 120 second easy installation, PoE
- 30 fps @ 1280x800, Fixed Lenses Available: 2.5mm, 6mm
- MicroSD/SDHC Card Slot for On-board Storage, Built in Microphone

IP - TRANSMISSION

1-Channel H.264/MPEG-4/ MJPEG Mini Video Encoder

VIV-VS8100

- 1 Channel of H.264/MPEG-4/MJPEG Compression Video Encoding
- 75mm x 35mm x 25mm Mini Design
- Built in Microphone, DI/DO for External Sensors and Alarms
- RS-485 Interface for Scanners, Pan/Tilt Housings
- 4 & 8 Channel Models Also Available (VS8401/VS8801)

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